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May 62-43 1902

# MAY'S CATALOGUE OF NORTHERN GROWN SEEDS

Plants Bulbs  
& Fruits



GEM COLLECTION OF  
PANSIES,  
COLLECTION OF  
PANSIES, 50¢  
PACKETS 100  
PACKETS 100  
PAGE 74

L.L. MAY & CO. ST. PAUL, MINN.

TWENTIETH CENTURY CEREAL COLLECTION

WHEAT  
OATS  
CORN



SCOTTISH  
CHIEF  
OATS

NEW  
SPR  
WH  
No. 1

### MINNESOTA KING CORN

on the cob. It ripens early even in Northern Minnesota and possesses wonderful hardiness, as it withstands drought, heat, and cold to a remarkable degree, thriving under even most adverse circumstances. Lb. 25c. postpaid; peck 60c., \$2.00, 2 1-2 bushel bag \$4.50, 10 bushel \$16.00.

Oats, Scottish Chief. A most wonderful variety from the Highlands of Scotland. The straw is exceedingly strong and enabling it to hold up its enormous heads of grain without breaking or lodging. The berry is extra large and plump, pure and weighs very heavy. Yields of 150 bushels per acre are not uncommon. Pound 25c., 3 pound 70c. postpaid; peck bushel \$1.50, 2 1-2 bushel bag \$8.25.

Wheat, Number 163. This variety originated at the Minnesota State Experimental Farm and was introduced by us a few years ago. The heads are long and well filled with medium sized, plump kernels. Flour made from this variety is a higher test than any other sort. The straw is of medium height, very strong and wiry and never known to lodge or run. It stands heavily and always produces enormous crops of No. 1 hard. It is the wheat for the farmers of the Northwest and where a choice spring variety is wanted. Pound 25c., peck 60c., bushel \$1.75, 2 1-2 bushel bag \$4.00, 10 bushel bag \$15.00.

Minnesota King Corn. A half dent variety. One of the most valuable sorts for Northern States ever introduced. The heads are very large, full; kernels yellow, long and set very closely together.



P. O. and State..

Name:

P. O. and State.

Name \_\_\_\_\_

P. O. and State.

Name \_\_\_\_\_

**P**lease give the names of a few of your friends who are interested in Growing Flowers and Vegetables. It is by such assistance that we can extend our trade. Send names from as many different offices as possible.

..... P. O. and State .....

• NAME

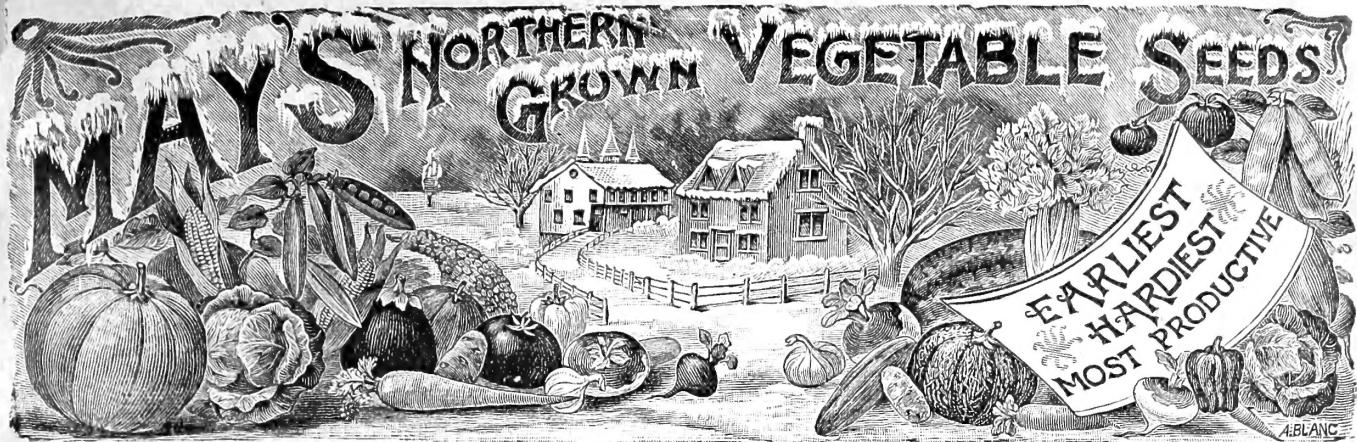
P. O. and State

NAME

P. O. and State

Name.

Please give the names of a few of your friends who are interested in growing Flowers and Vegetables. It is by such assistance that we are enabled to extend our trade. Send names from as many different offices as possible.



## TO OUR MANY FRIENDS AND CUSTOMERS of the Past and to All Who Buy Seeds, Plants, Fruits, Shrubs and Trees.

Another year of prosperity throughout our broad land is now drawing to a close, and we wish to thank our many kind friends of the past not only for the patronage they have so kindly bestowed, but also for the many words of praise they have written us and spoken to their neighbors on behalf of our products.

### Our Friends and Our Goods Advertise Us

more than all the ads we could place in all the papers and periodicals in the country. Realizing the importance of supplying good stocks and of treating all orders large or small with the same care and attention, we have built up our immense business extending from the Gulf to the Arctic circle and from the Atlantic to the Pacific as well as to our new possessions and to many countries of the old world.

At our Mayfield Nursery and Seed Farm, located a few miles from the city, we grow many of the varieties of seed which we offer herewith. At the same farms we thoroughly test every variety before cataloguing it. Varieties proving unworthy of cultivation are discarded, and only those showing decided merit are retained. This gives us an advantage possessed by but few seedsmen and one which certainly will inure to the benefit of our customers, for we shall offer nothing unless it stands our rigid tests well.

Our Nursery located at Mayfield is governed by the same principle that has developed and built up our immense seed business, viz.: strict integrity in discarding worthless varieties and rigid tests in scrutinizing new ones. Nothing but well known, tested varieties are offered, and only the best stock shipped out.

A certificate of Inspection from the State Inspector of Nurseries, showing our stock to be free from San Jose Scale and all other injurious insects and diseases will accompany each shipment.

At our greenhouses on Como avenue, in this city we grow all our tender plants, roses, etc., under the supervision of competent men, and no firm in the world is better equipped for sending out choice, well grown plants than we are.

With all orders for plants we will send free our Booklet, *The A B C's of Successful Floriculture*, written especially for us by Eben E. Rexford, of the Ladies Home Journal. This booklet contains much valuable information on the care and culture of plants, and answers many difficult questions which arise daily.

We point with pardonable pride to our immense patronage which has been secured by *Honest Methods and Strict Attention to Details* and respectfully solicit the continuance of your kind favors.

Yours for the best seeds, plants and fruits, that are produced,

**L. L. MAY & CO., St. Paul, Minn.**

### PLEASE READ CAREFULLY BEFORE ORDERING.

**Northern Grown Seeds** Are known to be superior to all others, being earlier, harder and more productive.

**We Test All Seeds** As soon as received from our growers, and never send out an ounce that does not show a high germinative test.

**St. Paul, Being a Railroad Center**, freight rates are exceptionally low and freight shipments can be hurried to destination more rapidly than from less favored points.

**Express Rates on Seeds, Plants and Bulbs** Are 20 per cent lower than merchandise rates. Bear this in mind when receiving stock and insist on the express company giving you the proper rate.

**Express and Freight.** Many of our customers do not stop to consider the difference between express and freight charges, and frequently order large quantities of seed by express, when it could be sent by fast freight just as well, and at a much less expense. The express rates are naturally very much higher than the freight. Please remember this and give directions accordingly.

**Prepaid Stations.** Many small railroad stations are not accept freight for such points unless charges are fully prepaid. It will save delay if you ascertain if your station is a **prepaid** one before sending your order and include enough money to cover freight charges if it is.

**Order Early.** We earnestly request all customers to place their orders early, as it will assist us greatly in getting everything out promptly. Those who order bulk seed can have them sent by freight, and thus save excessive charges.

**Use the Order Sheet** In this book. If you wish to order a second time, write your order on a separate sheet of paper and do not mix it up in the body of a letter. This will assist us greatly in filling your order.

**C. O. D. Shipments.** We must decline to ship goods C. O. D. unless the purchaser remits in advance sufficient money to pay transportation charges and cost of packing, etc., or at least one-third the amount of the order.

**Orders Must Be Accompanied** By the money to pay for the goods. We cannot open small accounts, and will decline to fill orders unless accompanied by the cash. This is a uniform rule from which we cannot and will not deviate.

**Your Order**, no matter how large or small, will always receive our prompt and careful attention.

**Postoffice Money Orders**, may be obtained at nearly all postoffices at a small cost. This is a good way to send money.

**Drafts on St. Paul, New York or Chicago** can be obtained at any bank and are perfectly safe.

**Express Money Orders** can be had at the office of the American, United States, Adams, Northern Pacific, Wells, Fargo & Co., Great Northern, or any other express company.

**Registered Letters** cost but 8 cents, and money should be sent in this way in case it cannot be sent by any of the above methods.

**When remittances are not made according to these directions, we disclaim all responsibility.**

**Don't forget your name postoffice and state.**

**Personal Checks.** Do not send personal checks, as we are obliged to pay for collecting same and will therefore have to deduct this charge from your order. Besides, orders are held until our bankers report checks paid, thus causing needless delay.

**May's Seeds Postpaid.** At the prices quoted in our Catalogue we prepay postage on all seeds ordered by packet, ounce, quarter pound, pound, pint or quart. On seeds in larger quantities, or offered by express or freight, the purchaser pays the transportation charges.

**Seeds Free.** Extras are sent with each order, and many are the kind letters we have received from our customers, who were surprised and delighted with the present of some new and choice seeds, plants or fruits which were sent with their order.

**We Are Seed Growers.** By this we mean that we do not buy our seeds on the open market, as do many seed firms at the present time, but grow them ourselves. We know it will pay you to order May's Seeds, as you will then avoid the disappointment which so often follows the sowing of seeds that are purchased from commission dealers throughout the country, seeds which in many cases have been under the counter for years and are worse than worthless to a gardener or farmer.

**The Best is None too Good for Our Patrons.**

And we realize this as much as any of our largest market gardeners and know there is not a firm in the world which is more particular regarding the purity of their seeds than we are, but still, like all other seedsmen, we do not give any warranty, express or implied, as to the description, quality, productiveness or any other matter connected with the seeds, plants, bulbs, etc., which we send out, nor will we be responsible in any way for the crop. Every order received for goods enumerated in this catalogue will be executed and sent out only on these conditions.



### GIANT TREE TOMATO.

The heads are long, well filled to the point with fine plump kernels, there is little or no waste. From all sections, in all kinds of soil wet sections and during the intense heat, it stood up well, filled well, the same encouraging reports have been received showing it to be an addition to these many points of excellence the Gluten test of flour at Grand Forks; at Northwest Farm, Crookston; at Northeast Farmings; S. D., and at College Farm, Ames, Iowa. All tests proving it  
bu. \$1.75 bag (2 1-2 bu.) \$4.00, 10 bu. \$15.00.

(See inside front cover.) It is a medium tall growing sort, with very stiff straw, never affected by rust and never known to lodge. It stools very heavily and withstands drought in a remarkable manner. **all No. 1 Hard.** There are no shrunken kernels, no inferior grains, so that, under all climatic conditions, in drouth stricken districts, in excessively and yielded enormously. From every section where spring wheat is grown adapted to a wider territory than any variety ever before introduced. In is greater than any other sort. It has been tested at University Farm, Grand Rapids; at College Farm, Fargo, N. D.; at College Farm, Brook to be a heavy yielding variety, superior to all others. **Lb. 25c, pk. 60c,**

# MINNESOTA KING CORN, A Famous Half Dent Variety.

It is a very good crop, drought better than any, and is a good crop under any and all conditions. The extreme heat and drought of the past season affected its growth but little and we had more than an average crop. The ears are very large, the cobs very small, the kernels broad and long of a rich golden color. **Lb. 25c, pk. 60c.**

**bu. \$2.00, bag (2 1-2 bu.) \$4.50, 10 bu \$16.00.**  
**SCOTTISH CHIEF OATS**

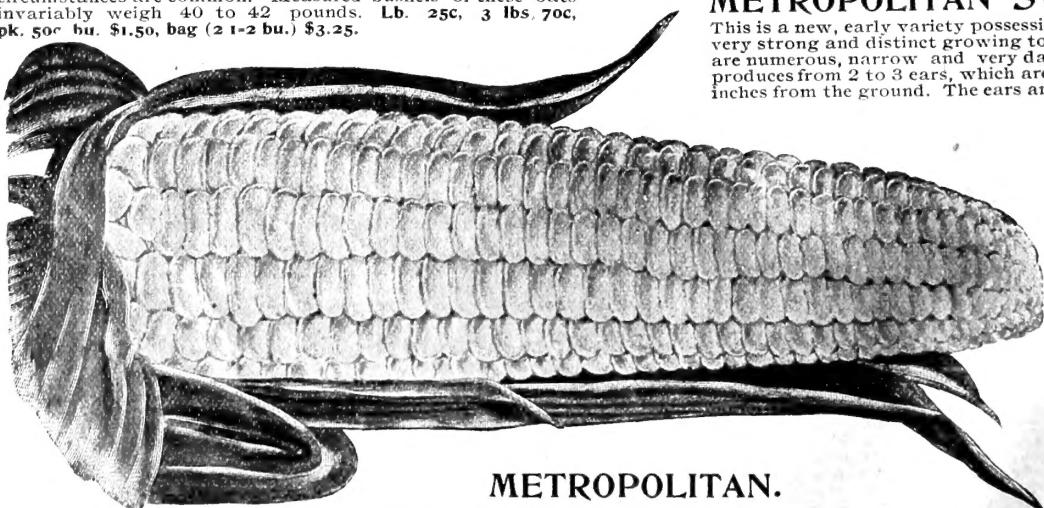
SCOTTISH CHEST OATS. time in this country last season. It has been grown in the Highlands of Scotland, for many years where yields of 150 bushels per acre are not uncommon. In all our tests of many varieties, (some over 50) this sort has proven superior to all others both in quality and yield. The straw is exceedingly strong and wiry enabling it to hold up its enormous heads of grain without breaking or lodging in the least, and is rust proof. The berry is of largest size full and plump, pure white and very heavy. On account of its fine appearance, it brings more than any other variety on the market. It withstands drought remarkably well, and seems to be well fitted for all soils, seasons and conditions. Farmers should change their seed as often as once in 3 years, in order to obtain best results. Here is an opportunity to obtain the heaviest yielding, hardest, best oats ever offered. Average yields of 100 bushels per acre under ordinary circumstances are common. Measured bushels of these oats invariably weigh 40 to 42 pounds. Lb. 25c, 3 lbs. 70c, pk. 50c bu. \$1.50, bag (2 1-2 bu.) \$3.25.

METROPOLITAN SWEET CORN. (See cut.)

This is a new, early variety possessing unusual merit. The plant is

## **METROPOLITAN SWEET CORN.** (See *cut*)

This is a new, early variety possessing unusual merit. The plant is very strong and distinct growing to  $5\frac{1}{2}$  feet in height. The leaves are numerous, narrow and very dark green in color. Each plant produces from 2 to 3 ears, which are all set very low, not over 18 inches from the ground. The ears are uniformly 9 inches long. 10 to



## METROPOLITAN.

Our Great Cereal Collection illustrating the Wheat, Corn, and Oats described above will be found on Inside Front Cover.



## MAY'S NETTED GEM POTATO,

In this rare and valuable variety we have found the acme of perfection in potato growing. It combines all the good qualities of all the varieties in cultivation and stands to-day without a rival in the potato kingdom. It has been thoroughly tested under most adverse circumstances and is not an untried novelty, but a variety possessing more points of merit than any and all ever before offered.

**It Is Extremely Early.** Planted May 10th last season good, large potatoes were dug July 20th, 70 days from time of planting.

**It Is Wonderfully Prolific.** From  $1\frac{1}{4}$  acres planted in ordinary good potato soil without fertilizers or any but ordinary cultivation we have harvested 552 bushels of good size potatoes, without any small ones. The originator in Montana had a yield of 500 bushels per acre.

**It Withstands Drought IN A REMARKABLE MANNER.** The above mentioned yield was produced last season, one of the hottest and driest on record, when for 7 weeks not a drop of rain fell and the thermometer ranged from 95 to 105 degrees in the shade for 10 or 12 days at a time. Other varieties wilted, drooped and died, but the Netted Gem retained its bright, clean foliage and never wilted in the least.

**Its Quality IS UNSURPASSED.** "The proof of the pudding is in the eating" and the supreme test of any potato is in its cooking and eating qualities. The Netted Gem at all stages of growth and development cooks light and mealy and is of a most delicious flavor. Its quality is beyond comparison and would tempt the palate of the most critical epicure.

**Its Keeping Qualities ARE UNEQUALED.** It remains firm and hard at all times. Tubers of this variety cellared in October were in as firm a condition the following June as when dug in the fall. We honestly believe they would keep a year without seriously impairing their quality.

Brainerd, Minn., Nov. 1, 1901.

**GENTLEMEN:** If I could reconstruct the English language to place an especial emphasis on the good qualities of May's Netted Gem Potato I would certainly do so. Having grown them for two seasons on varied grades of soil as a test, I find they are what we have been looking for—a success under any and all circumstances. I have tested and raised nearly all varieties of potatoes as they came on the market for many years and I have never found anything that has the combined good qualities of May's Netted Gem. As a yielder it has no equal; even in the dry season of 1901, where many of my other varieties were a practical failure and my Burbanks yielded nearly two hundred bushels per acre, May's Netted Gem yielded three hundred and fifty bushels per acre, all fine stock. They had no better care nor better soil than my other varieties. Their keeping qualities cannot be equaled; they will be found in excellent condition in June; their quality always superior to other varieties. The past season we planted the first week in May, and July 20th used from them and found them excellent. I challenge any one to produce a better yielder or keeper, or whiter meated—better flavored potato than the Netted Gem.

Wm. DODD.

## THE MARVELOUS MONTANA SEEDLING. THE HEAVIEST YIELDING SORT GROWN.

**Its appearance IS MOST STRIKING AND BEAUTIFUL.** It is the handsomest variety we have ever seen and hundreds of good potato judges bear us out in this statement. In shape it is oblong—nearly straight, well set with eyes all over. The skin is of most curious formation for a potato, being very closely netted and veined like the Rocky Ford melon. It is rather thick and does not bruise easily thus enabling it to withstand shipping exceedingly well as it will reach destination in prime condition and appearance. It is of light russet color, very pleasing and beautiful.

**The Plants** are at all times clean, healthy and vigorous, never known to blight, while their tough fibrous nature seems to withstand the attacks of bugs better than any variety we have ever grown.

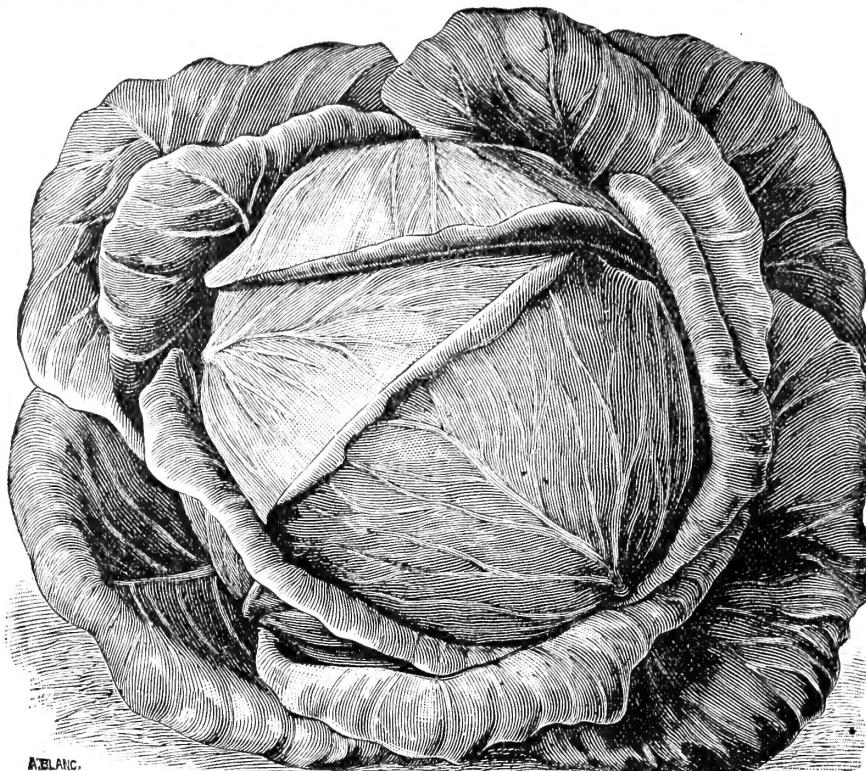
**Its History=** Unlike many good varieties that have been introduced after patient years of hybridizing and careful nursing, this wonderful variety is the result of mere accident. The chance product of a chance seedling found growing in a field that had been planted to Ohio, Burbank and Maggie Murphy the year before by a ranchman in Montana 7 years ago, the product carefully saved and replanted until last year when we purchased the stock and offer for the first time this wonderful product of the prairie, the most marvelous variety ever introduced.

**The Illustrations** shown herewith are from photographs of average size potatoes. They are not too large to be good nor too small to be unfit for seed or cooking. They are very uniform in size, averaging 5 to 8 inches in length each potato containing from 20 to 30 eyes well distributed, making it the most prolific seed variety ever offered. Prices for 1902: Lb. 30c, 3 lbs. 75c, peck \$1.25, bu. \$4.00, bbl. (2 3-4 bu.) \$10.00

Brainerd, Minn., Nov. 5, 1901.  
I tested both quality and yield of The Netted Gem Potatoes from samples you gave me. I planted 33 potatoes and harvested from them 17 bushels of nice tubers; by far the best yield of any potato I ever grew. As to quality they are superior to anything we ever used, being of nice flavor, white and dry.

A. STAFFORD.





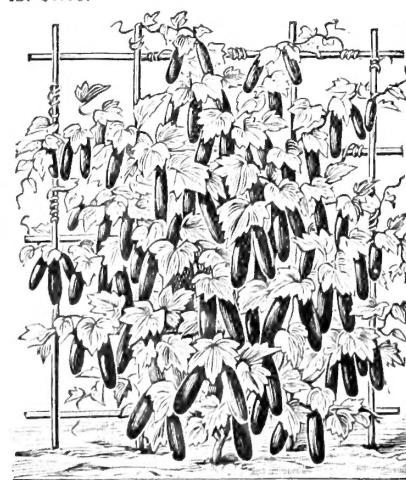
ABELAN.

have increased each year until we do not hesitate to recommend it as one of the very best claim it a novelty but we do consider it of such special merit that we feel like urging all our market gardener friends to plant largely of this kind. It makes large, solid, round, flattened, compact heads of excellent quality. It is about 10 days later than Jersey Wakefield but being over double the size is much more profitable. Pkt. 5c, oz. 15c, 1-4 lb. 45c, lb. \$1.50.

## BRUSSELS SPROUTS. HALF DWARF PARIS MARKET.

This is a new improved strain rather dwarf and stocky in growth, bearing large crops of handsome, round, hard sprouts of the finest quality, crowded very closely together on the stalk. A very distinct and valuable sort. Pkt. 10c, oz. 20c, 1-4 lb. 65c, lb. \$2.00.

**Japanese Climbing Cucumber** (See cut.) A climbing variety introduced from Japan. It is indeed a novelty and worthy the attention of every farmer and gardener. The vines are strong growing and immensely productive, it being estimated that it will yield three times more than any other variety in a given space. The cucumbers are about ten inches in length, and of a beautiful green color; the flesh is firm and free from the bitter taste found in some varieties. It can be trained on poles, trellises, fences, or in fact any place where a vine can be grown, and will save much valuable space in the garden. One of our customers who tried it last season writes: "Your Japanese Climbing Cucumber is the wonder of our city." Another one says: "The Japanese Climbing Cucumber is the best variety I've ever seen and is certainly unequalled for slicing." Our seed is carefully selected. Pkt. 10c, oz. 15c, 1-4 lb. 30c, lb. \$1.00.



ABELAN

JAPANESE CLIMBING CUCUMBER.

**SPECIAL OFFER NO. 93.**  
1 pkt. each of the 3 Cabbages described on this page for..... 15c.

**SPECIAL OFFER NO. 94.**  
1 pkt. of each of the 4 Cucumber Specialties contained on this page for..... 25c.

**SPECIAL OFFER NO. 95.**  
1 pkt of each of the 8 Vegetables named on this page for ..... 40c.

## THREE GOOD CABBAGES.

### Autumn King or World Beater.

(See cut.) This is an extremely large headed late variety, one of the very best ever introduced. The plant is of extra strong growth, with an abundance of dark, bluish-green, finely crimped leaves growing closely about the large flattened heads. It should be planted by the middle of June to produce the best results, as the heads are of such enormous size they require a longer time to mature than some of the earlier and smaller sorts.

It is a wonderfully long keeper and of most delicious flavor. As the outer leaves are closely packed about the head—not spreading as in many sorts, they can be planted closer together and will produce more heads and more weight per acre than any other variety—Hollander alone excepted. Pkt. 5c, oz. 25c, 1-4 lb. 75c, lb. \$2.50.

**Green Glazed.** This is a favorite late variety in the South as it withstands the hot weather better than any other sort. It also withstands the attacks of insects exceptionally well. The leaves are unlike any other variety in appearance being of a peculiar glazed or glossy green. The heads are of large size but rather loose and open. Particularly recommended to our Southern friends although valuable as well for the North. Pkt. 10c, oz. 25c, 1-4 lb. 75c, lb. \$2.50.

### Henderson's Early Summer.

New and sometimes valuable varieties are being offered each year, but of all the sorts of Early Cabbage ever introduced we doubt if any have attained the popularity and retained the prestige that this old kind has today. It was introduced nearly 30 years ago and the sales of this sort second early sorts in existence today. We cannot claim it a novelty but we do consider it of such special merit that we feel like urging all our market gardener friends to plant largely of this sort.

**Cucumber, White Pearl.** This variety is the handsomest we have ever grown. The fruit even when small is a beautiful pearly white, tender and crisp. A fine variety for forcing for early market. On account of its nice appearance it always commands the highest price. Pkt. 5c, oz. 15c, 1-4 lb. 30c, lb. \$1.00.

**Cumberland Cucumber.** (See outside back cover.) The most marvelous production of the 20th century. The most valuable pickling variety ever introduced. It is of the hardy, white spine type, a rapid, strong and vigorous grower and the most prolific variety in existence, the vines being full of fruit in all stages of development from the time the first blossoms drop until killed by frost. As will be seen by the illustration, the fruit is thickly studded with fine spines over the entire surface. In form it is exceptionally straight and symmetrical and the fruits very uniform in size. The flesh is very firm but crisp at all stages, thus rendering it equally as choice for slicing as for pickling. Pkt. 10c, oz. 25c, 1-4 lb. 60c, lb. \$2.00, 5 lb. lots by express at \$1.50 per lb.

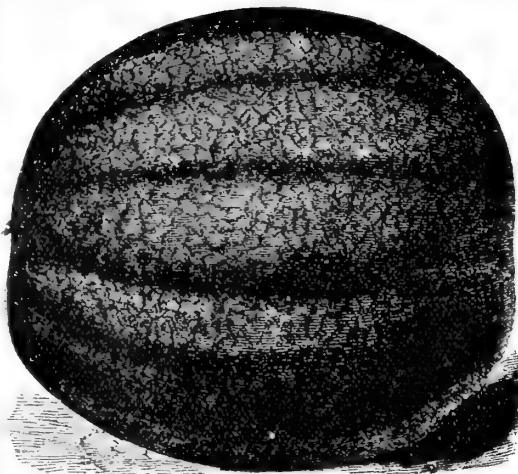
**Lemon Cucumber.** (See cut opposite page.) A new and entirely distinct type of the Cucumber family. This remarkable novelty is very distinct in appearance and a decidedly valuable acquisition. In appearance it is nearly round, sometimes slightly oval, with the yellow and green markings and smooth skin of the lemon. The flesh is exceedingly tender and crisp, with a sweet pleasing flavor unlike that of any other sort. It is entirely free from the bitter acrid taste so often found in other cucumbers and is good, clear through from end to end. They are excellent for slicing and for table use are unsurpassed, being served whole—They are also very fine for pickling either in the green or ripe state and are very attractive on account of their novel shape. They can also be used the same as melons for mangoes. While they are good at all stages of development, they are best just as they are turning yellow. In size they average about as large as a good size lemon though much larger specimens have been grown. This is certainly a most attractive variety and on account of its uniformly good flavor should be grown largely both for home and market use. Pkt. of 50 seeds, 10c.

### Japanese Barnyard Millet.

This valuable new forage plant was introduced into this country by Prof. Brooks, of the Massachusetts Agricultural Experimental Station. It has proven an enormous yielder in all sections of the U. S. producing hay and fodder of most excellent quality and growing on any soil. It grows to a height of 6 to 8 feet and produces from 12 to 20 tons per acre. Cattle and horses eat it greedily and fatten rapidly. It is a remarkable stooler and should not be sown very thickly—10 to 12 pounds per acre broadcast being sufficient. In drills, 8 pounds per acre is plenty. Lb. 30c, 3 lbs. 75c postpaid; 10 lbs. \$1.25, bu. (30 lbs.) \$2.50, bag (2 1-2 bu.) \$5.50.



JAPANESE BARNYARD MILLET.



WATER MELON, FORDHOOK EARLY.

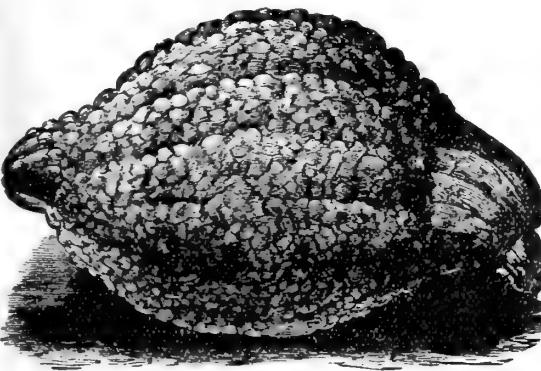
nutmeg type, cultivated and made famous by the Colorado growers in the past 3 years to New York, Philadelphia, Boston, Baltimore, Chicago, Detroit, Cleveland, Cincinnati and other Eastern markets. All of the leading hotels in the country will buy no other melons while the Rocky Fords are in the market. They command the highest price in all markets and readily sell at double the price paid for ordinary stock.

**Paul Rose Musk Melon.** A cross of the Osage with the Netted Gem. Size and shape is that of the Netted Gem; skin is heavily netted. The flesh is quite thick, of rich orange red color, ripening close to the rind, and in flavor is sweet and luscious. It ripens about two weeks earlier than the Osage. The thickness of its flesh and the firmness of its rind make it the best melon for shipping. The size of the fruits, which are of uniform shape, is very convenient for packing in baskets; they are usually sent to the market in  $\frac{1}{2}$  bushel baskets containing 16 melons, two layers of eight melons each; the weight of such a basket is 25 pounds. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.

**WATERMELON, Fordhook Early.** (See cut.) The earliest, large fruited melon in cultivation. The fruits are of good size, rather short and blocky in form, with large diameter. The skin is dark green occasionally striped lighter green. The flesh is bright red, crisp, sweet and of splendid quality. Rind quite thin, but skin tough making an excellent shipping variety. In tests last season with some 40 other varieties it proved earlier than all, while its delicious flavor surpassed all competitors. It certainly is the variety for market gardeners and shippers early trade and should be planted very extensively. Pkt. 5c, oz. 10c, 1-4 lb. 25c, lb. 75c.

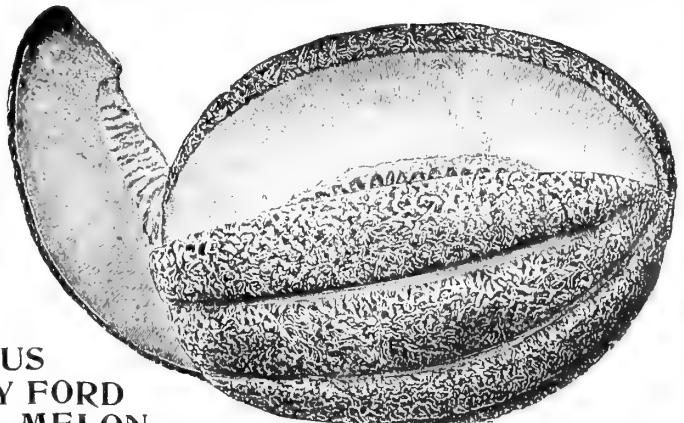
**New Triumph Watermelon.** This is a splendid variety growing uniformly large and of most handsome appearance. The melons are rather short, but very thick through. The skin is a deep bluish green in color. The rind is comparatively thin, though very tough enabling it to ship well. The flesh is a dark red and of most excellent quality. This variety possesses all the good qualities of the Fordhook Early, but is later, consequently just the sort to plant for later crop. These two marvelous sorts possess all the most desirable qualities to be found in a watermelon, viz., handsome appearance, good shipping qualities and most delicious flavor. They are worthy of extensive cultivation and should find a place in every garden. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.

**SQUASH, Mammoth Warted Hubbard.** (See cut.) A very large strain of the Famous Hubbard, retaining all of the excellent features of the well known parent, with the additional merits, of thicker flesh, finer color, increased size, more vigorous constitution and productiveness. Its greatest merit, however lies in its hard, rough, warty shell, which renders it one of the very best winter keepers ever produced. Pkt. 10c, oz. 15c, 1-4 lb. 25c, lb. 75c.



WARTED HUBBARD SQUASH.

A Page of Most Valuable Specialties.



GENUINE ROCKY FORD MELON.

(See cut.) The Epicure's Delight. The sweet and luscious fruit that has become world famous for its flavor. As sweet as sugar, as juicy as an orange and as delicious as a peach, the acme of perfection in the melon line. The Rocky Ford Netted Gem Musk Melon is an improved variety of the melon line. It is of small size, averaging five or six inches in diameter. The ground color of the skin is, when ripe, of a rich, greenish gold. The netting, which is very prominent, and light in color, renders the outer appearance very attractive. The flesh is very deep, ripening clear to the rind, the seed cavity small. Many carloads have been shipped from Colorado in the past 3 years to New York, Philadelphia, Boston, Baltimore, Chicago, Detroit, Cleveland, Cincinnati and other Eastern markets. All of the leading hotels in the country will buy no other melons while the Rocky Fords are in the market. They command the highest price in all markets and readily sell at double the price paid for ordinary stock.

**Tall Gray Sugar Pea.** This is one of the oldest varieties in cultivation and at the same time one of the best. Our grandmothers cultivated this variety in their gardens, and esteemed it for the sweet, delicious flavor of both the pea and the pod, which is edible and far nicer than the best of the butter beans. Many people of today have never grown or even heard of such a variety. With the idea of bringing it to their attention more prominently, we list it in our specialties and recommend it to everyone who grows peas for home use or market. The vines grow to a height of 3 to 4 feet, are very vigorous and productive. The pods are broad, rather flat, from 4 to 5 inches in length, and are broken and cooked like string beans, being of the most delicious flavor. The peas are of medium size and are of the same fine flavor as the pod. Care should be taken not to allow the pods to become too old before using. Several varieties have been offered of late years, such as Melting Sugar, Mammoth Luscious, etc., but after thorough trial we consider the old Tall Gray Sugar the best of all. Pkt. 10c, pt. 25c, qt. 45c, pk. \$2.50.

**MUSTARD, Ostrich Plume.** This is a desirable new variety of very attractive appearance. The plants are of vigorous growth; the beautiful dark green leaves curving outwardly like a fine ostrich plume. The edges are as finely curled and laciniated as the best double curled parsley, making the leaves desirable for garnishing. On account of the attractive appearance of the plant it is worthy a place in the flower garden as an ornamental border plant. The leaves cooked as spinach are said to be most delicious. Pkt. 10c, oz. 15c, 1-4 lb. 35c, lb. \$1.00.

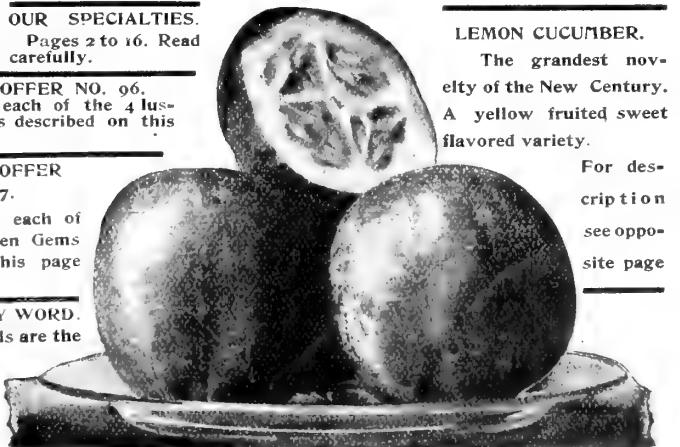
**SPINACH, New Zealand.** This variety is different from the ordinary type of spinach. It forms a large branching plant, eighteen inches in height. The stems and leaves are soft, thick, fleshy and of a crystalline appearance. It grows well during the hottest summer weather when the ordinary spinach cannot be had. The young branches and leaves are at all times crisp and palatable. The seed should be thoroughly scalded and soaked before planting or it will not germinate. This variety is also valuable for winter forcing under glass, on account of its immense size and crisp, tender nature. Pkt. 5c, oz. 10c, 1-4 lb. 30c, lb. \$1.00.

#### OUR SPECIALTIES. Pages 2 to 16. Read carefully.

**SPECIAL OFFER NO. 96.**  
1 pkt. of each of the 4 luscious melons described on this page for 40c.

**SPECIAL OFFER NO. 97.**  
1 pkt. of each of the 8 Garden Gems named on this page for 40c.

**A FRIENDLY WORD.**  
"Your seeds are the best I ever grew."  
A. MARTIN,  
Hamline,  
Minn.



LEMON CUCUMBER.

**LEMON CUCUMBER.**  
The grandest novelty of the New Century. A yellow fruited sweet flavored variety.

For description see opposite page



## THREE WORLD BEATER ONIONS.

### Peerless White

**Globe.** (See cut.) This is a carefully selected and improved strain of the old variety. By careful selection from year to year we have produced a new strain of the highest, purest and best type. The bulbs are of uniformly large size, perfect formation, fine grained and of fine texture, enabling it to keep the longest time possible. In addition to these good qualities it is one of the largest yielders ever grown and always commands the highest price in the markets. It is one of the very best for home use and one of the most profitable for market gardeners. It is invariably a heavy yielder, many crops of from 600 to 1,200 bushels per acre being reported. One of the largest growers in

the country has this to say regarding this variety: "Your Peerless White Globe is the greatest onion ever grown. From a little over three-quarters of an acre this year I harvested 1,000 bushels of the finest onions I ever saw. There wasn't a single small one in the entire lot, and all the bulbs are large and smooth. I can easily get 10 cents more per bushel for them now than for any other variety, and this winter when they are scarce I expect to get 25 cents per bushel more. They are so firm and hard they look as though they would keep for years, while the flavor is so fine that we have them for every meal. This year I tested nearly 30 varieties of onions from 8 or 10 of the leading seedsmen, and your Peerless beat them all. I will plant 10 acres of this sort next year." These are certainly high words of praise, coming from one who makes a business of growing onions, and we earnestly hope every one of your customers who grows onions will not fail to try the Peerless. **Pkt. 10c, oz. 25c.**  
**1-4 lb. 75c, lb. \$2.25.**

**Australian Brown.** (See cut.) Another year's trial of this valuable variety only strengthens and confirms the reports of its good qualities. It is undoubtedly the most valuable variety introduced in many years. It is extra early and a very long keeping onion. It was recently introduced into the United States from Australia, where it is the only variety planted. It is of medium size, of an almost globular form, and the color of the skin is a deep amber brown, distinct from all other onions. It is extremely hard and firm, and of fine flavor, and will keep almost indefinitely. The remarkable character of long keeping and its early ripening make Australian Brown the best onion to grow for profit for the market gardener, and it is equally valuable for the private planter. **Pkt. 5c, oz. 15c, 1-4 lb. 50c, lb. \$1.50.**

**Chives.** These are perfectly hardy plants, resembling small onions or garlic in growth. They start to grow very early in the spring, and the small tender leaves are highly esteemed for flavoring many dishes. **Pkt 25c.**

One of our fields of Peerless White Globe, from a photograph.

**Perfection Red Globe.** (See cut.) This is a very fitting companion to the splendid varieties offered herewith as it combines all the good qualities sought for by large growers, and has none of the defects so common in many leading sorts. The bulbs are large size, very firm and solid, enabling it to keep perfectly for a great length of time. The form is perfect, the handsome appearance of the bulbs alone enhancing their value in the market. It matures quite early, is an enormous yielder, and produces very few small sized bulbs. The seed which we offer is from a superior strain of this variety, produced after many years of selection and improvement, is of high germinating quality, and the purest and best grown. It seems to withstand hot, dry weather better than any sort we have ever seen, and always matures large, firm, handsome bulbs. Its quality is most delicious, while its keeping qualities are the best ever seen in a red onion. **Pkt. 5c, oz. 20c, 1-4 lb. 60c, lb. \$1.75.**

**Yellow Michigan.** This kind produces globe shaped onions, larger than Globe Danvers, uniformly thin necked and slightly flattened at the base. In color they are a rich orange yellow, rather darker than the Danvers. It is a most excellent keeper, the bulbs remaining in perfect condition for many months. It is fine grained, fine flavored and a choice table variety. It is particularly adapted to growing on black soils, and produces immense crops.

**Pkt. 5c, oz. 15c,  
1-4 lb. 35c,  
lb. \$1.10.**

Australian  
Brown.

PERFECTION  
RED GLOBE.

## TWO CHOICE RADISHES.

**Icicle.** (See cut.) This new and valuable variety is the handsomest sort in existence. As will be seen by the illustration it is entirely distinct in appearance, being long, slender, pure white and most attractive. The young radishes are ready for use in from 20 to 22 days from sowing the seed, are fresh, crisp and tender at all stages of growth. Its pure paper white skin, small top, extreme earliness and choice flavor and crispness combine to render this variety one of the most salable and profitable market sorts that can be cultivated. It is also well adapted for forcing purposes and is most excellent for home use and private gardens. **Pkt. 5c, oz. 10c, 1-4 lb. 30c, lb. \$1.00.**

**Triumph.** (See cut.) Here we find another novelty of most distinct and pleasing appearance, and combining all the good qualities to be desired in a radish for home or market use. As seen in the illustration the roots are globe shaped, medium size, white marked with bright scarlet; the most unique and striking coloring ever seen in any vegetable. The tops are short, skin thin, flesh crisp, tender and mild in flavor. It is a desirable sort for forcing and will produce good, marketable roots in 20 days from sowing of the seed. On account of its attractive appearance it commands a high price on the market and should be grown largely. **Pkt. 10c, oz. 25c, 1-4 lb. 75c.**

## EUREKA CELERY.

(See cut.) A most meritorious self-blanching variety of recent introduction. It is a dwarf, compact grower producing most beautiful stalks which retain their tenderness, crispness and richness for a very long period. It is a perfect self-blanching variety without any earthing up being necessary. The outer leaves are cream tinted green, the stalks and inner leaves creamy white; ribs very crisp, tender and of the most superior flavor. All other self-blanching sorts will not keep long after New Year's, but this remarkable sort will keep all winter in perfect condition, and is at all times crisp, tender and very solid. It combines all the good qualities to be found in a celery and has met with great favor with market gardeners and others who want a choice self-blanching variety to keep all winter. **Pkt. 10c, oz. 25c, 1-4 lb. 75c.**

## FOUR RARE and VALUABLE TOMATOES.

**Fordhook Fancy.** This is a distinct novelty of dwarf, compact habit, producing an abundance of choice fruit, which ripens exceedingly early. The plants only grow about 18 inches high and are very hardy. Leaves are broad, heavy, and strongly resemble those of the potato, being of a very dark green color. The tomatoes are of a deep purplish red, solid and of most excellent flavor. Owing to their compact habit of growth they can be grown very closely together. **Pkt. 10c, oz. 30c, 1-4 lb. \$1.00, lb. \$3.00.**

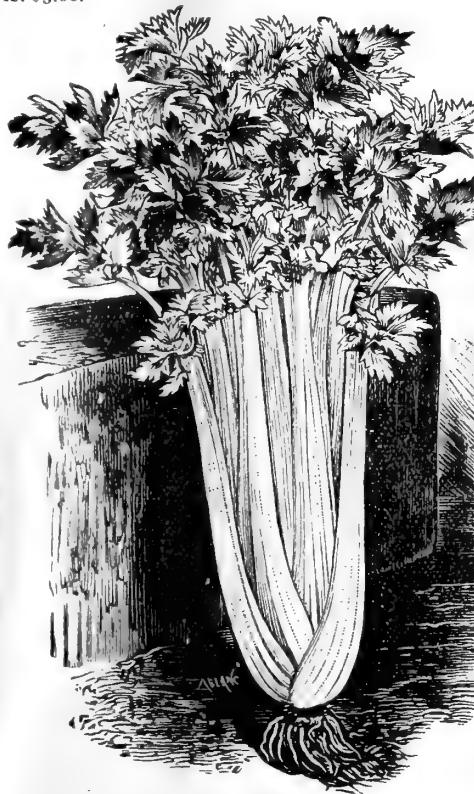
**Golden Queen.** This we consider the very best of the large yellow varieties. It is large and smooth, resembling the well known Paragon except in color. It is very fine for table use as well as for preserves. **Pkt. 5c, oz. 20c, 1-4 lb. 60c, lb. \$2.00.**

**New Century.** This new and worthy variety is quite distinct from other sorts. It is very large, extremely productive and ripens early. The fruit is of a fine, dark scarlet color, perfectly smooth, thick and always full and plump. One of the best kinds ever introduced and sure to be cultivated extensively when its merit becomes known. **Pkt. 15c, oz. 40c, 1-4 lb. \$1.25.**

**Table Queen.** As large as the Mikado, very smooth and perfectly round.

The flesh is very solid, almost seedless, fine flavor, somewhat resembling Ponderosa. The color is a rich purplish crimson. One of the best for table use. Its fine appearance and good quality render it one of the best yet introduced.

It will be found especially valuable for market gardeners on account of its fine shipping qualities, as it will carry a long distance without injury, and on account of its superb appearance, incomparable flavor and seedless nature will invariably command the highest price in all markets. **Pkt. 5c, oz. 30c, 1-4 lb. \$1.00, lb. \$3.00.**



EUREKA.



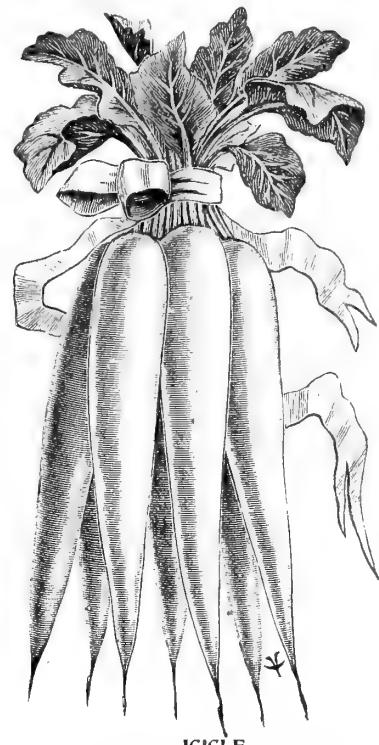
TRIUMPH.

ways given the best of satisfaction, and I have never had any of them to fail. In '99 I raised from your seeds a squash that weighed 98 lbs., and Hurst's Rhutabagas that averaged 36 lbs., unloaded from the wagon; one went 48 lbs. I surprised people here by raising some of your early melons, as they do not grow here to speak of, the nights are so cold, but yours done quite well. Yours truly,

**Caragana Arborescens, or Siberian Pea Tree.**

so feeling assured the advantages gained, particularly in our prairie sections, will be speedily realized as a matter of economy and extreme usefulness. The great merit of this beautiful shrub not only lies in its attractive appearance as a lawn shrub, but it serves as a wind-break or hedge, having a dense mass of pea-shaped flowers of a delicate yellow, tinted to a deep orange (which might be truly called the tree of gold), blooming in the early spring and throwing forth its sweet scented odor, which can be detected a long distance. The extreme hardiness of this wonderful tree makes it all the more valuable, being a native of Northern Russia. We believe Prof. Saunders, of the Experimental Farms at Ottawa, Can., was the first to realize the great merit of the Caragana, and from these extensive tests have been made throughout Manitoba with gratifying results. Trees of this variety were planted in 1890 on the Experimental Farm at Indian Head, Northwest Territory, Canada, and have stood the severity of that climate without injury, and in fact, out of a large collection of different varieties of foreign importation of shrubs, the Caragana continues to give the best satisfaction for single lawn specimens.

**For Wind-Breaks or Hedges.** The Caragana is a very hardy, ornamental, deciduous tree or shrub attaining a height of 15 feet. When required for a hedge, this variety, trimmed when young, can be readily shaped and a very dense hedge can be obtained to corral stock. Flowers yellow, borne in clusters, leaves resembling something the shape of the Locust, the leaflet ending in a short, sharp point. It is of easiest culture in sandy soils. Sow the seed in the spring in rows two inches deep and three inches apart. Thin out and transplant. One ounce contains about 1,000 seeds, from which in a short time a large number of plants can be grown. Transplant from one foot to eighteen inches apart. Our stock of this valuable seed is limited. **Pkt. 10c. containing about 25 seeds; oz. 50c, 1-4 lb. \$1.50, lb. \$5.00.**



ICICLE.

## Paris Beauty Radish

This beautiful and desirable hardy variety is one of the finest and best in our entire list. The roots are of a very brilliant, deep rich red color, half long with a somewhat tapering point. The flesh is very white, crisp and tender, and holds its juiciness well, not becoming pithy until overgrown. It is a very rapid grower, fine for forcing and very desirable for early market. Its small tops and beautiful color render it very conspicuous and showy when bunched for the market, and it will easily out-sell such standard varieties as Scarlet Turnip, White Tip, Long Scarlet, French Breakfast, etc. Our market gardener friends are strongly urged to try this excellent sort this year, as they will never discard it when once tested. **Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.**

## WHAT A CUSTOMER WRITES:

CONNIE, Wash., Feb. 9, '01.  
L. L. May & Co.,  
St. Paul, Minn.

Gentlemen:—Your seeds have always given the best of satisfaction, and I have never had any of them to fail. In '99 I raised from your seeds a squash that weighed 98 lbs., and Hurst's Rhutabagas that averaged 36 lbs., unloaded from the wagon; one went 48 lbs. I surprised people here by raising some of your early melons, as they do not grow here to speak of, the nights are so cold, but yours done quite well. Yours truly,

B. E. WILLIAMS.

In introducing this valuable hardy tree, we do so feeling assured the advantages gained, particularly in our prairie sections, will be speedily realized as a matter of economy and extreme usefulness. The great merit of this beautiful shrub not only lies in its attractive appearance as a lawn shrub, but it serves as a wind-break or hedge, having a dense mass of pea-shaped flowers of a delicate yellow, tinted to a deep orange (which might be truly called the tree of gold), blooming in the early spring and throwing forth its sweet scented odor, which can be detected a long distance. The extreme hardiness of this wonderful tree makes it all the more valuable, being a native of Northern Russia. We believe Prof. Saunders, of the Experimental Farms at Ottawa, Can., was the first to realize the great merit of the Caragana, and from these extensive tests have been made throughout Manitoba with gratifying results. Trees of this variety were planted in 1890 on the Experimental Farm at Indian Head, Northwest Territory, Canada, and have stood the severity of that climate without injury, and in fact, out of a large collection of different varieties of foreign importation of shrubs, the Caragana continues to give the best satisfaction for single lawn specimens.

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## CENTAUREA IMPERIALIS.

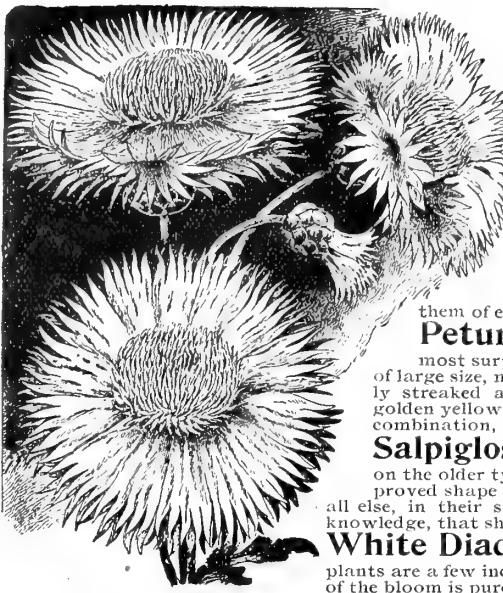
(New Imperial Giant Sweet Sultans.) (See cut.) They are the result of crossing *C. Moschata* and *C. Margaritacea*, taking from the former the luxurious growth of plant, and from the latter the noble flowers, the colors of which are infinitely varied from glistening white through shades of red, from flesh pink to crimson, and through blues from silvery blue to royal purple, etc., and all flowers are deliciously fragrant. For bouquets, vases, or as corsage flowers the airy grace of the giant long stemmed flowers renders them of exceptional value. **Pkt. 10c.**

**Petunia. Sunrise Glory.** (See cut.)

A remarkable new variety of most surpassing beauty. The blossoms are of large size, most beautifully fringed and delicately streaked, and marked with a sharply defined golden yellow throat, forming a most glorious combination, never before found in a petunia. **Pkt. 25c.**

**Salpiglossis. Emperor.** (See cut.) This new strain is a very great improvement on the older type in its increased size of flowers, their improved shape and larger variety of colors, and, more than all else, in their singularly beautiful veinings of gold. These are knowledge, that show a glint of gold in their coloring. **Pkt. 15c.**

**White Diadem Pink.** (See cut.) A recent introduction from Europe of most striking beauty. It is easily grown from seed, blossoming as soon as the bloom is pure white, from which stand out in beautiful contrast the Diadem markings, those delicate



**CENTAUREA IMPERIALIS.**

it owes its name, the tints being principally lilac, purple, carmine or blood red. **Pkt. 20c.**  
**Antirrhinum Majus Grandiflora.** No description can do justice to the wonderful beauty of these floral treasures. They are a grand improvement on the old small flowered snapdragons, throwing up strong, stiff spikes of bloom of the most gorgeous and showy colors imaginable. We tested them thoroughly at Mayfield the past season, where their beautiful blossoms were greatly admired throughout the entire season until killed by frost.



**Album.** Pure white. **Pkt. 10c.**  
**Brilliant.** Scarlet, golden and white. **Pkt. 10c.**  
**Crescia.** Fine, deep scarlet. **Pkt. 10c.**  
**Firefly.** Scarlet, white throat. **Pkt. 10c.**  
**Kermesinum Splendens.** **Pkt. 10c.**  
**Luteum.** Yellow. **Pkt. 10c.**  
**Romeo.** Deep rose, spotted yellow. **Pkt. 15c.**  
**Striatum.** Beautifully striped. **Pkt. 10c.**  
**Yellow and Orange.** Very fine. **Pkt. 10c.**  
**Finest Mixed.** All colors. **Pkt. 10c.**

One packet each, 10 varieties named above, for **75c.**  
**Dwarf Spotted German Marigold.**

The plants are very dwarf, neat, compact, bushy, 4 to 5 inches high and 6 inches in diameter, which blossom very freely the entire season. The flowers are small, perfectly double, of a bright sulphur yellow, each petal marked with a dark brown blotch. **Pkt. 20c.**

**Leptosine Gigantea.** A beautiful rapid growing annual, producing in great profusion a feathery mass of very finely divided light green leaves. These are surmounted by a wavy mass of golden yellow flowers, borne on long stems, the whole forming a most beautiful effect. **Pkt. 10c.**

**Verbena, Mayfield Prize.** The plant is very dwarf, not growing over 6 inches in height and 10 or 12 in diameter. It blossoms profusely, throwing up its trusses of bloom well above the foliage during the entire season. **Pkt. 25c.**

**Mignonette, Nineteen Hundred.**

ing beauty, and anything more perfect in regularity of shape and in abundance of flowers cannot be imagined in a mignonette. The plant forms a semi-globular bush of exquisite shape, measuring 24 inches in diameter and often containing more than 400 flower spikes of the most charming golden yellow color. It has been thoroughly tested for years, is well fixed in character and comes true from seed. **Pkt. 25c.**

**Yellow Giant Marguerite Carnation.**

This new variety from Italy is one of the most charming novelties of recent introduction, producing pure sulphur-yellow flowers, a color hitherto unknown in this class of flowers. **Pkt. of 25 seeds 25c.**

**Aster, Dwarf Ostrich Feather.**

(The Bride.) This variety is of dwarf branching habit of growth, with long curled petals resembling a Japanese chrysanthemum. The bloom is of large size and form; pure white when first opened, but gradually changing to rose color. **Pkt. 25c.**

**Aster, Pride of Berlin.** (See cut.) This

beautiful new variety possesses so many points of exceptional merit that we offer it to our patrons with the assurance that it will please in every particular. The plants grow from 15 to 18 inches high, forming bushy, oval shaped heads, which are closely set with blooms of various shades and colors, each bush bearing from 75 to 100 of these exquisite blossoms. **Pkt. 25c.**



**Petunia Sunrise Glory.**  
The only flowers, to our



**ASTER, PRIDE OF BERLIN.**  
above the foliage during the entire season.  
**Pkt. 25c.**

A most beautiful novelty from one of the leading German growers. Each individual plant is of surpass-



**WHITE DIADEM PINK.**

**SALPIGLOSSIS.**



ARBOR PLANT.

**The Wonderful Klondike Daisy.**

grows very luxuriantly and produces most beautiful plant produces, from the beginning of May to the middle of June, a great quantity of branching flower stems of a height of 15 to 20 inches. On the single wiry little flower stems the elegant-shaped, graceful flowers are produced in great abundance. The blossoms are large size, pure white, and retain their form and freshness a long time after cutting. **Pkt. 25c.**

**The Transvaal Arbor Plant.**

(See cut.) Among the other treasures recently introduced from the South African veldt, this mammoth arbor plant stands out most prominently. It is a hardy herbaceous perennial, growing readily from seed and attaining gigantic proportions in two or three years. Its strong, stiff leaf stalks often measure from 6 to 10 feet in height, while its mammoth leaves are of most distinct and striking beauty. When they first appear in the spring they are of a beautiful brownish red color, which gradually changes to deep olive green. They are from 3 to 4 feet in breadth, with strong, stout mid-ribs, and the whole upper surface studded with short, sharp spines, the whole leaf being of stout, firm texture notwithstanding wind and rain with impunity. These plants are fine for groups on large lawns, etc., or as single specimen plants, affording shade to the children, and with their large umbrella-like leaves glistening in the sun, presenting a most dazzling appearance. When fully known this plant will become one of the most popular in America for decorative purposes. They require a slight protection of leaves or strawy manure in the winter, which should be removed in spring when frost is gone from the ground. **Pkt. 25c.**

**Cyclamen Persicum, Papillio.**

**The New Butterfly Cyclamen.** This most decided novelty in the Cyclamen family was introduced from Belgium, has been tested and found worthy of general cultivation by all lovers of this unique class of flowers. The blossoms are extra large and the petals are most delicately cut and fringed rendering them most strikingly beautiful. The flowers are of firm texture and retain their form and color much longer than the old common sorts. **Pkt. 25c. or one of each of the five varieties for \$1.00.** Rose, Red, White and Red, Rose with Red, White

**Nasturtium, Tall Gold Leaf.**

is such a beautiful variety we have decided to

new to many of our customers, and as it is to list it in our specialties. The foliage is a bright golden yellow, which forms a most beautiful setting for the intense scarlet and crimson flowers which are produced in great profusion. Try this variety, and we are confident it will please you. **Scarlet, pkt. 10c. Crimson, pkt. 10c.**

**Nicotiana Colossea.** (See cut.)

A rapid growing annual which attains the height of 5 to 6 feet in a season. The foliage is beautifully marbled, veined and edged with white and red, the plant presenting a most imposing appearance on the lawn. **Pkt. 10c.**

**Candytuft, Giant Hyacinth Flowered.**

A grand variety producing enormous spikes of bloom resembling a White Hyacinth. These spikes often measure 7 inches in length by 2 1-4 in diameter. The plant when in bloom attains a height of 12 inches. **Pkt. 10c.**

**Primula Obconica Grandiflora.**

A novelty of the Primrose family. It is a strong, compact grower, forming immense clumps of beautiful green leaves, from which rise tall and graceful stems bearing aloft large fringed flowers of a delicate pink tinge. Easily grown from seed. **Pkt. 15c.**

**SALVIA SPLENDENS, SILVER SPOT.**

(See cut.) In this new variety we not only have an improvement in the size of the bloom and brilliancy of coloring over the old Scarlet Sage, but in addition the foliage is of most striking and intense beauty. The leaves are of darkest green, profusely spotted with white, giving the plant a most wondrous beauty. The bright scarlet blooms in their setting of foliage form a rare combination of grace and beauty, never before found in any plant. The plant is of very neat, compact habit of growth and a most prolific bloomer. It will thrive in any rich garden soil, but to obtain the best results seed should be started early in the house and the young plants transplanted to the open ground as soon as the weather is warm and settled. Seeds sown in the open ground will make handsome showy plants for the fall. **Pkt. 25c.**

(See cut.) This is a new, hardy herbaceous plant from the land of ice and snow. It flowers, especially valuable for cutting purposes. The flowers are borne on very long stems and are four inches and more in diameter. The petals are broad, long and many of them are more or less twisted and curled in such a manner as to give the blooms the appearance of large, loose and graceful Crysanthemums. We offer four separate colors. **Pure White, Bright Crimson, Clear Pink, Lavender Blue.** Any of the above named New Branching Asters: **Pkt. 10c, 3 pkts. 25c, or we will send one Pkt. each of the 4 varieties for 30c.** All colors mixed. **The four colors named above in one grand mixture. Pkt. 10c, 3 pkts. 25c.**

**New Branching Asters.**

The plant is a strong grower, and its tendency to form numerous branches is very marked. The plant continues to grow later in the season than any other variety with which we are acquainted, and blooms correspondingly late, thus giving its crop of flowers in late Autumn, a season when there is always a scarcity of bloom. The flowers are borne on very long stems and are four inches and more in diameter. The petals are broad, long and many of them are more or less twisted and curled in such a manner as to give the blooms the appearance of large, loose and graceful Crysanthemums. We offer four separate colors. **Pure White, Bright Crimson, Clear Pink, Lavender Blue.** Any of the above named New Branching Asters: **Pkt. 10c, 3 pkts. 25c, or we will send one Pkt. each of the 4 varieties for 30c.** All colors mixed. **The four colors named above in one grand mixture. Pkt. 10c, 3 pkts. 25c.**

**Giant Curled Pansy, "Masterpiece."**

(See cut.) A remarkable new type, which will, without doubt, be warmly welcomed by the numerous lovers of this beautiful class of flowers. The chief difference from other strains consists in the form of the flowers, which is well shown in the illustration, the border of each petal being conspicuously curled or waved, giving the flower a doubled or globular appearance. The large size of the flowers and the extraordinary free-flowering qualities of the plant make it valuable for bedding purposes. Another feature of this marvelous strain is that it produces some tints of color not found in any other Pansy. **Pkt. 25c, 5 pkts. \$1.00.**

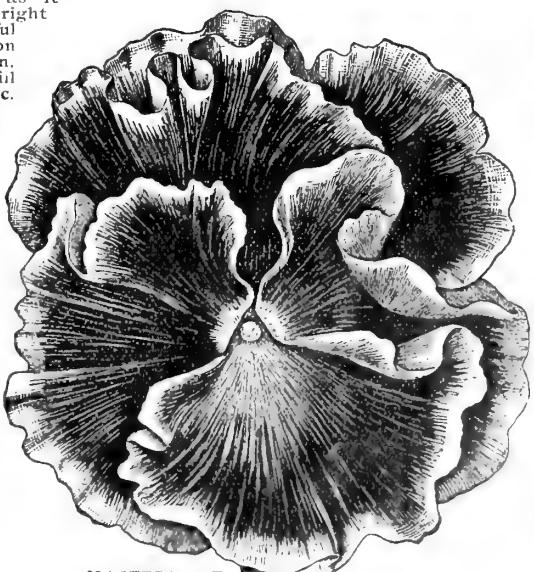
**Mad Perret Pansy.** Another remarkable French variety of recent introduction. The flowers are of the largest size, and beautifully marked, blue, red and violet. A very handsome and showy sort. **Pkt. 10c.**



SALVIA SILVER SPOT.



KLONDIKE DAISY.



MASTERPIECE.



NICOTIANA COLOSSEA.



## The Wonder- ful Air Plant.

(See cut.) This novelty of the plant world will grow under all conditions, either in soil, water or from exposure to the air in a moist place. The blooms are of curious formation and are produced very freely the entire year, making it particularly desirable for house culture and in nooks and corners where ordinary plants would not thrive. Our stock is very fine and will be sure to please all who buy. 15c each.

## The Fragrant Cin- namon Vine.

(See cut.) This old and much neglected plant from the Orient is one of the most valuable, charming climbers ever introduced into this country. It is perfectly hardy, and once planted will thrive and grow for many years, affording shade and blossoms, and at all times being clean, healthy and vigorous in growth. The vines often run from 30 to 40 feet in a season. The leaves are large, glossy and heart shaped. The blossoms are small, unique, delicately scented, emitting an enormous amount of fragrance that is as truly wonderful as it is delicious. They stand the coldest winter without injury, bursting forth in early spring in their marvelous dress of green. They may also be grown inside in winter and make most attractive window climbers. In all our list of hardy plants or vines we know of none more easily grown or more universally admired than this old time favorite. Strong tubers 10c each; \$1.00 per dozen.

## Ampelopsis Englemanni.

(See cut.) This is undoubtedly one of the hardiest climbers grown. We have thoroughly tested it for several years alongside the A. Veitchii, A. Quinquefolia and other iron-clad climbers, and find it stands our severe winters better than any of them. The foliage and habit of growth are somewhat similar to the well known Virginia Creeper, though the leaves are longer and more pointed. Its chief point of difference, however, is its clinging nature, as it puts out numerous small tendrils or feet, which fasten it securely to the smoothest brick walls.

It grows a dense mass of foliage and vine, affording the finest shade for arbors, verandas, trellises, etc., while for brick or stone walls or buildings, it is indescribably beautiful. The foliage is a bright, glossy green in summer, changing to a beautiful crimson at the approach of Autumn. Strong plants 15c each, \$1.50 per dozen.

## Red Beauty Carnation.

(See cut.) This is a beautiful red variety which originated in our greenhouses three years ago, and which, after thorough testing, we have found worthy of the most extensive cultivation. It is absolutely the largest red variety in existence, many blooms measuring 5 inches in diameter. It is grown on stout, stiff stems which hold their enormous burdens erect. The color is an intense glowing crimson, quite fragrant, of finest form and great keeping qualities. It blooms continuously, never being out of bloom, and while some varieties may produce more blooms in a season, they are smaller in size and do not keep as well. It is ideal for pot culture, and exceptionally free from disease and the attacks of insects. 20c each.

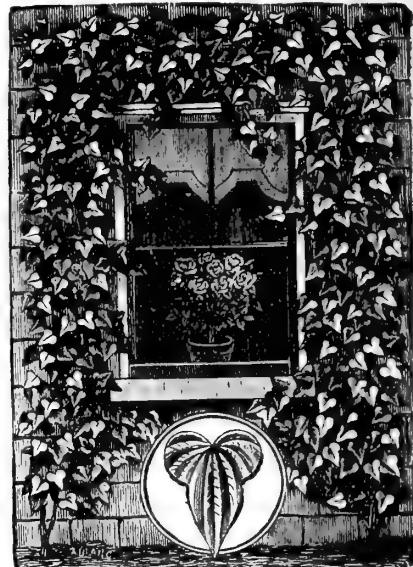
One plant of each of the two rare Carnations for 35c postpaid.

## Sansevieria Zealanica.

(See cut.) There is no decorative plant that is more attractive in



AMPELOPSIS ENGLEMANNI.



CINNAMON VINE.



RED BEAUTY.

habit and foliage than this, and none that will stand as much abuse and neglect. It will grow and flourish in any dark corner, and will stand gas and dust or heat. Indeed, the only thing that seems to check it is too much water or frost. The leaves grow to a length of three to four feet and are beautifully striped crosswise with broad, white variegations on a dark green ground. Grows splendidly out of doors in summer. 25c each for strong plants.



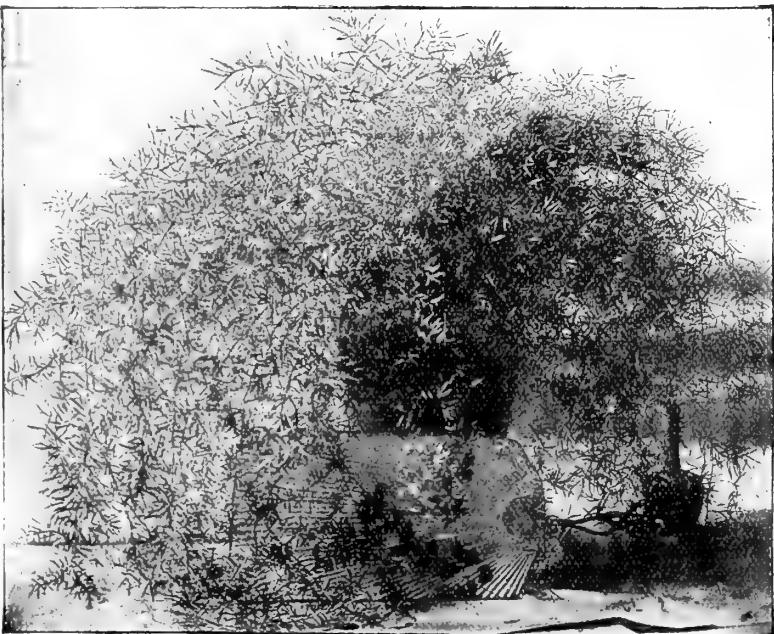
HIBISCUS, JOAN OF ARC.

**HIBISCUS, Peachblow.**

(See Cut.) One of the finest plant novelties in many years. It is a rapid, vigorous grower, commencing to bloom when quite small, and producing its finely formed blossoms continuously throughout the year. Equally good for planting outside or in the house. The flowers are large,  $\frac{1}{2}$  to 5 inches in diameter—perfectly double, of a rich shade of clear pink, with a small, deep crimson center. For a continuous succession of beautiful blossoms we know of nothing to equal it. 25c each.

**DATURA, Golden Glory.** (See Cut.) This is one of the beautiful plants we have ever seen. It is a rapid grower and begins to bud and bloom when quite young. The blossoms are a pure, golden yellow, semi-double and often 10 to 12 inches in length, the plant when in bloom, forming a perfect blaze of golden glory. Planted in the open ground, it attains an immense size in a single season. As a pot plant it is second to none, requiring only ordinary care and cultivation. It blossoms the entire season, the new growth constantly making new buds. It should be replanted in larger pots or tubs from time to time, as it increases in size very rapidly and requires plenty of water. In addition to its vigorous growth and profusion of bloom, the blossoms are delightfully fragrant, filling a room with their delicate perfume. The plant is free from disease and the attacks of insects, and thrives under most adverse circumstances. The Brugmansia is a beautiful plant and one that has met with enormous sales since its introduction, the D. Cornucopia has been admired by thousands and grows in many homes, but both of these popular plants are eclipsed by the surpassing beauty and splendor of this recent introduction surpassing in size, color, beauty and fragrance these other beautiful members of the same family. 25c each.

**ASPARAGUS SPRENGERI.** (See Cut.) A very handsome trailing plant of recent introduction. Of very free and vigorous growth, producing sprays of beautiful green, feathery-like foliage, 4 to 5 feet long. These main green a long time after being cut, and are very useful for bouquets, wreaths and sprays. It is admirably adapted for hanging baskets in the house, as it thrives in a dry atmosphere in almost any position. It grows freely the entire year, and produces small, white, star-shaped flowers which are soon followed by bright red berries. This forms a most valuable companion to the Boston Fern, being of the same easy culture and freedom of growth. Price 25c each. Stronger plants, by express, 50c, 75c and \$1.00 each.



ASPARAGUS SPRENGERI.

**CANNA.**  
**KATE GRAY.**

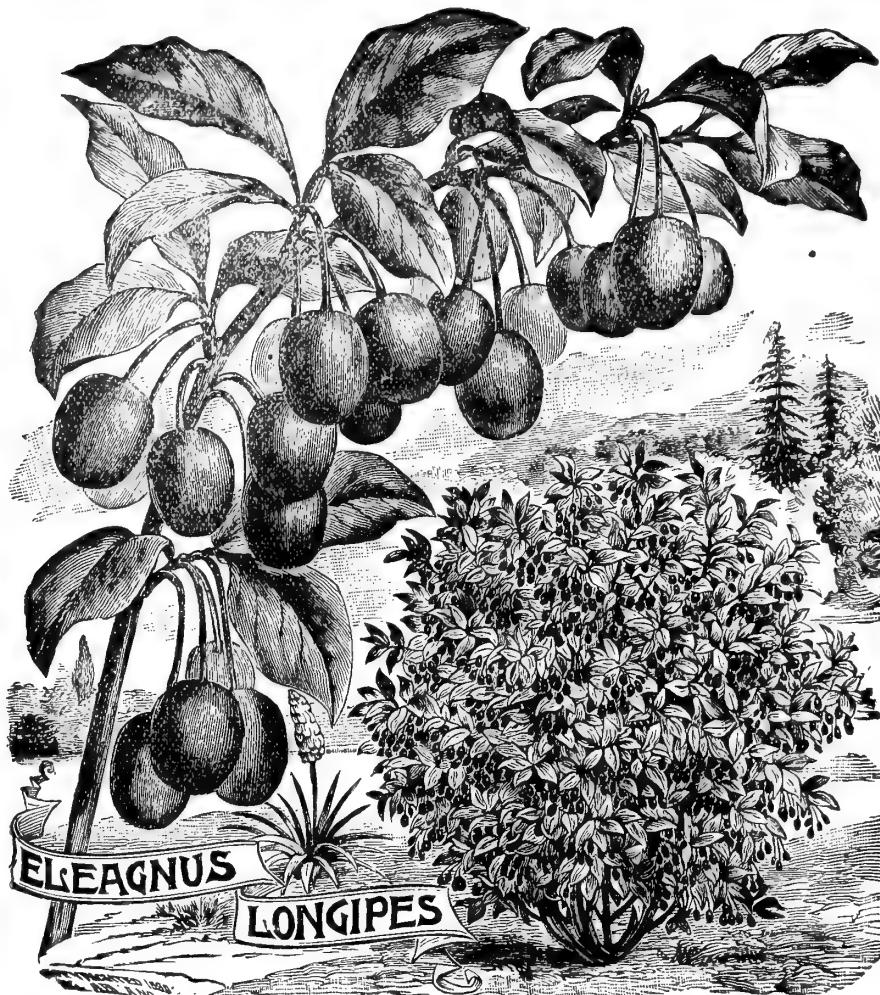
The Marvelous California Variety. This choice novelty was introduced from California and is one of the most robust growing varieties we have ever seen. It attains a height of 6 to 7 feet, with broad heavy foliage of a bright glossy green very much like the Banana Plant in size and substance, which form a beautiful background to the gigantic trusses of bloom which are of a rich shade of orange scarlet overlaid with gold from 5 to 8 inches across, individual petals often being two inches wide. The robust habit of growth, the mammoth blooms and their strikingly beautiful color, combin' to render this plant one of the most desirable cannas yet introduced. 30c each, \$3.00 per doz



**Hydrangea Mariési.** (See Cut.) This charmingly distinct and highly decorative variety was introduced from England two years ago and is a distinct novelty in the Hydrangea family. It is a stout, vigorous grower, producing dense bushy plants with clean, healthy, dark green foliage which of itself is at all times decorative and most attractive. The blossoms are very large borne in immense panicles, of a light pink color shaded mauve very distinct and beautiful. These with their setting of handsome foliage renders the plant very showy. As a pot plant for Easterforcing it is a most decided acquisition to the list of florists forcing plants while for amateur cultivation for a porch, lawn or conservatory specimen it has few equals. We offer strong young stock 50 cents each.



HYDRANGEA MARIÉSI.



**California Privet** This is a valuable variety for the middle, western and southern states. While not quite as hardy as the preceding variety, it will withstand zero without injury. It is of more handsome appearance than the common and responds liberally to good treatment, forming a most beautiful hedge in a short time. The blossoms which appear in June are beautiful and attractive. \$8.00 per 100 by express or freight.

**Amoor River or Chinese Privet.** This is a most beautiful variety from the Celestial Kingdom. While it is considered perfectly hardy in all sections of the country our tests at Mayfield would indicate that it needs protection in winter in the north and west. The leaves are long, shining, beautiful and distinct. Its blossoms are large, pure white, very fragrant, produced in great profusion, nearly covering the bush. A very handsome, attractive and useful variety. \$10 per 100 by express or freight.

PLEASE WRITE FOR PRICES ON LARGER QUANTITIES THAN QUOTED HEREIN.

## The Hardy Russian Olive. *Eleagnus Longipes.*

(See Cut.) This rare and valuable shrub was introduced several years since from Japan, and like other plants from the land of the Mikado is perfectly hardy, exceedingly ornamental on the lawn as well as valuable for the delicious fruit which it produces. It is one of nature's most happy combinations of the rare, the useful and the beautiful and a shrub that should be most widely disseminated.

It forms a beautiful shrub of dwarf, compact growth, about 5 or 6 feet in height, with attractive foliage bright green above and silvery white beneath. It blossoms very abundantly in May, the pale yellow flowers hanging in wreaths along the branches. These are followed by the brilliant scarlet berries, which are olive shaped, about the size of large currants, and ripen in July hanging on the plant a long time before rotting or dropping. It has a small pit and an excellent flavor, being rich, juicy, sprightly and more luscious than the cherry, and fine for preserves, jelly, etc. The bush is extremely hardy, withstands drought, heat and cold remarkably well and is destined to have a prominent place in all ornamental plants. In winter the reddish brown bark renders the plant exceedingly attractive. 25c each, \$2.50 per dozen.

We Offer Seed of this rare and valuable shrub at 20c per pkt. or 3 pkts. for 50c.

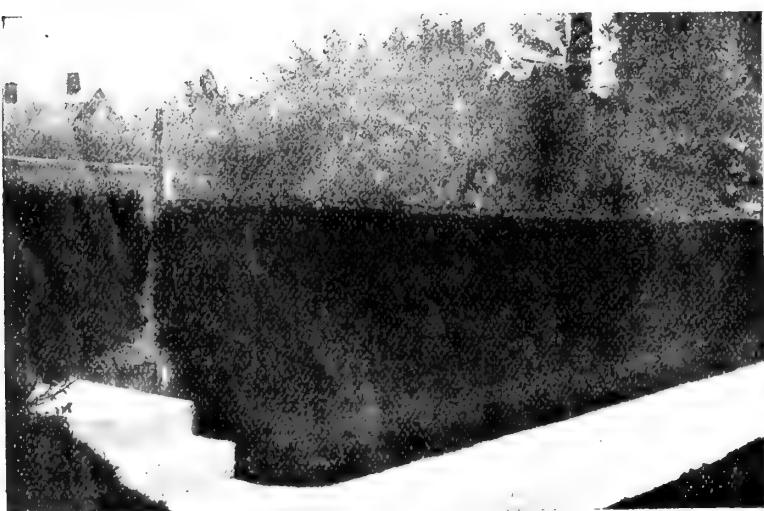
**PRIVET HEDGE.** We have often been asked what hedge we would recommend for ornamental division of city lots, for enclosing back yards, for low fences surrounding large estates and for numerous other situations where a permanent, hardy, quick growing, ornamental fence is wanted at small expense. We have experimented with many different varieties for many years and after thorough trials at Mayfield and elsewhere pronounce the different varieties of **Privet, the best all-round hedge ever grown.** (See Cut.)

### **Vulgaris or Common Privet.**

This is the common native variety which, while not as beautiful as the other two, is recommended for the north and northwest on account of its extreme hardiness and its great drought resisting qualities. It is a sturdy, compact grower with bright, clean, attractive foliage at all times, which hangs on nearly all the year. It bears shearing to any extent and can be easily trained and taken care of. In the early summer it produces in profusion tiny white flowers. \$6.00 per 100 by express or freight.

We Can Supply Seed of common Privet at 10c per oz., \$1.00 per lb. California Privet, 15c per oz., \$1.25 per lb.

**LIBERTY ROSE.** This variety, the acme of perfection in the rose grower's domain, will fill a long felt want, not only with the commercial florist, who grows flowers for profit, but also with the amateur, who grows them for pleasure and the love he bears them. It was introduced last year, but on account of the excessive price placed upon it was not widely disseminated. At an enormous expense we secured several thousand strong, stocky plants, enabling us to offer it to our patrons at a very moderate price. **Do not be misled by seedsmen and others offering this variety at low prices.** for in several cases we know of Meteor, which it resembles, but to which it is far superior, being sent instead. It is an everblooming Hybrid Tea, said to be hardy in many localities in the North. It is a rapid vigorous grower, a very free bloomer, with a beautiful, clean, healthy foliage at all times. The color is a deep, glowing crimson, the petals being covered with the rich, velvety bloom. It is very fragrant, resembling the Hybrid Perpetuals in this respect. The buds are of perfect form and appearance, gradually expanding into blossoms of the largest size, which last a long time. Planted in the open ground it makes a wonderful growth, and is covered profusely throughout the season with its large fragrant blossoms. As a pot plant it is without a peer, as it forms a compact, bushy plant, at all times clean and healthy and in bud and bloom. As a cut flower the past season, it commanded almost fabulous prices in New York and the large Eastern cities, while recent reports indicate an unprecedented demand for this flower wherever grown 25c each; \$2.50 per dozen.



PRIVET HEDGE.



### BRAZILIAN MELON FRUIT. (See cut.) An ornamental fruit bearing tree that no one should fail

to secure. A few years ago we introduced this great plant novelty, and our experience with it and the many testimonials received from our patrons, all praising its wonderful qualities, only confirm our opinion expressed when introducing it, that it is the greatest plant novelty that has ever been offered the American trade. It is a native of Southern Brazil. It is not only an excellent and valuable ornamental plant, with rich green leaves that at once give it a foremost place in the list of handsome foliage plants, but it also furnishes us with a most desirable, egg-shaped yellowish orange colored fruit, which hangs pendant in clusters, just below the beautiful foliage. This fruit is of the most delightful flavor imaginable, having a slightly sub-acid taste, entirely different from any other fruit we are acquainted with. For eating out of hand, slicing or making into preserves, it is simply delicious, and its lovely appearance in a dish on a table can only be equaled by the finest of tropical fruits. As an ornamental plant it has few equals. Its splendid bushy habit, healthy growth and charming foliage giving it the preference over many of the weaker and more delicate plants of the ornamental class.

Mrs. T. B. Shepherd, Ventura, California, writes: "It is a fine shrub, the foliage is large and handsome and the fruit of a beautiful orange salmon color when ripe, and has a delicious sub-acid taste."

Note. It is desirable only for house culture and the open ground during the summer months, and must be taken into the house at the approach of cold weather. 25c each.

The Seed. We can supply the seeds of this valuable plant, and on each packet will be given full and complete cultural directions. This is very costly and consequently the packets will contain only a few seeds each. Pkt. 50c.

**The Otaheite Orange.** (See cut.) One of the grandest pot plants for flowering we have ever seen, and, being useful, as well as ornamental, should be grown by everyone. It is a very dwarf variety, and blossoms and fruits freely when only 12 or 15 inches high. The delicately scented blossoms are produced in great profusion. The fruit is quite small, being only about one-half the size of the ordinary orange, but is very sweet and delicious. For pot culture it is one of the most novel and interesting plants of late introduction. It blooms freely during the entire season, and one plant will scent a whole room. The stock we offer is strong and thrifty. 25c each.

**Kumquat or Kin-Kan Orange.** (See cut.) Kin-Kan, which means Gold Orange; its other name, Kumquat, is Chinese for the same meaning. It bears in the most marvelous profusion little miniature oranges, no larger than a damson plum, of a rich golden color and glittering amid the dark foliage like burnished gold. The whole fruit, rind and all, is eaten, and people become extremely fond of them. The rind is sweet and the pulp agreeably acid, making a piquant combination. They are also delicious preserved and crystallized. The plants begin to bear just as soon as they have wood enough to hold fruit; and are loaded with fruit and flowers every year. We have seen little bushes only 20 inches high carrying upward of 100 oranges. A small tree, not more than six feet high and five feet across, bore over 2,000 fruits, and this is by no means an extraordinary yield for this sort. The branches are slender, without thorns, the leaves narrow and oval, and the plant assumes a fine shape. As a pot plant it will create a sensation everywhere grown. 50c each.

**Strawberry Guava.** (See cut.) Another luscious tropical fruit and charming house plant. This is a native of Cuba and other West India islands, where its fruit is of great value for food, and also for making confections, which are exported to all parts of the world. Here, in our climate, it makes a charming house plant, rivaling the famous Otaheite Orange in beauty. It is a nice, clean grower, with thick glossy green leaves, and like the orange, it bears both flowers and fruit at the same time. The flowers are pure white and delightfully fragrant. The fruit is large, nearly the size of a walnut, and of a beautiful reddish color; the flavor is delicious, sweet and spicy, and yet rich and delicate. It is very rare and interesting. The plant begins to bloom and bear fruit while quite small. The plants are easily grown and will thrive with the same treatment given the Otaheite Orange. With the Melon Fruit, Lemon and Orange herewith offered, it forms a set of most interesting and valuable fruit and ornamental plants. 25c each.

**Yellow Guava.** This year we have secured and propagated a fine stock of plants of the celebrated yellow fruited Guava, which possesses all the desirable qualities of the Red or Strawberry variety and can be used for all the purposes which has rendered that sort so desirable. The plants are dwarfer in growth and form bushier tops, while the leaves are large and handsome. The fruit is the size of the Strawberry Guava, yellow in color and sweeter to the taste. 25c each.

**Olea Fragrans.** (TEA OR SWEET OLIVE.) One of the sweetest and most desirable of flowers. The white flowers are produced in clusters, and emit the most pleasing fragrance. It is well said that "each individual bloom has more sweetness than the most fragrant Lily." As a conservatory shrub it will be found invaluable. The blooming period begins in the fall and lasts for several months; in fact, it is a true perpetual bloomer. It is of easy culture and especially desirable as a window plant. In India and Europe it is considered extremely valuable. One of the best ever-blooming plants. 20c each.



STRAWBERRY GUAVA.

## CHINESE MATRIMONY VINE.

**Lycium Chinensis.** (See Cut.) The old-fashioned Matrimony Vine was a general favorite more than 50 years ago, but in beauty of flower, fruit and foliage, it cannot compare with this superb variety. It is a most vigorous, hardy, climbing plant when trained to an arbor fastened to a fence, attached to a tree, to the side of a house, the pillars of a piazza, or in any location where a quick growing hardy climber is desired. It sends out numerous branches so that it covers a great amount of space in a short time, and every new growth is at once covered with flowers, which are succeeded by beautiful berries nearly an inch long, every branch being loaded down with them. The contrast between the glossy, dark green foliage and shining scarlet fruit is extremely beautiful, surpassing Holly in appearance. It continues flowering and new berries are forming from late spring until frost. The berries ripen in early autumn and remain on the vine until the early winter. The number of our hardy vines, which can be grown in our Northern states without danger of freezing is limited, and none are more beautiful than this, or of as easy culture. It will grow and thrive in any situation, either shade or bright sunlight and will take root in any soil; in fact nature has given it all the essentials for wide popularity. Valuable as it is for covering fences, etc., it is even more desirable for clambering over stone walls, bare rocks or unsightly banks, covering them quickly with bright green foliage and later on rendering them objects of beauty with its wealth of purple flowers and scarlet berries.

200 each, 2-year old plants 35c each.

**Weigelia, Eva Rathke.** (See cut.) This charming plant is a valuable addition to the class of hardy flowering shrubs and a good companion to Spirea Anthony Waterer. It makes a nice bushy plant, which can be grown either for pot culture inside or in the open ground. It is perfectly hardy, withstanding our severe winters without injury. It is a vigorous grower and a prolific bloomer. The blossoms are large, rich reddish purple, totally different from any Weigelia ever before offered. 35c each, \$3.50 per dozen.

**Boston Fern.** (See cut.) Each year adds to the popularity of this most beautiful variety, no plant ever introduced having met with the unprecedented sales that this has.

It is of such easy culture and rapid growth, and is so graceful and ornamental that it is superseedling nearly all other varieties, both with the florist and amateur. Its long, graceful, drooping fronds often attain a length of 5 or 6 feet in a single year, while its foliage is always clean and healthy, not subject to the attacks of scale, mealy bugs and other insects. Some firms are sending out a variety similar to the Boston Fern and hard to distinguish from it when small. Our patrons are warned against buying so-called Boston ferns from irresponsible and unknown parties. We are headquarters for the true stock, and offer strong, well-rooted, thrifty, pot-grown plants, not runners from the bench with a few weak roots. 25c each, \$2.50 per dozen. Larger plants, by express, at 75c to \$5.00 each.

**Hardy Hibiscus, Joan of Arc.** (See Cut.) The new pure white double flowering Hibiscus.

Few plants of recent introduction have given such delightful satisfaction as this new double flowering Hibiscus. It begins to bloom about as soon as planted, and every leaf brings forth pure white, perfectly double flowers frequently measuring nine inches in circumference, which are mistaken by many for Camellias. Such plants in 2½ inch pots frequently carry 6 to 8 open flowers and many buds. These chaste flowers are borne during the entire season and even in the winter, ornamenting alike both the lawn and the house. As a shrub it is quite hardy, while as a pot plant it is most attractive and desirable. Price for strong plants 30c each.

**The Silver Sweet Vine.** This new flowering climber, from Japan, is of remarkable beauty and hardness, endearing itself to all

who have planted it. The foliage on the ends of the flowering shoots, in its third season changes to a silvery white color, giving the whole vine from a little distance the appearance of being covered with large white flowers, blooming among its bright green leaves. The effect is very marked and beautiful. The flowers which appear the middle of June, last from 2 to 3 weeks, are a creamy white color, having the shape of apple blossoms, with bright yellow anthers, and resemble the Lily of the Valley in fragrance. The foliage, which resembles that of the Lilac, is clean and healthy and always free from disease and the attacks of insects. Protect the vines when small, as cats eat the small shoots as they do catnip. Strong plants 50c each.

## THE PRESIDENT CANNA COLLECTION.

Three rare and pleasing kinds 25c each or \$2.50 per dozen.

**Pres. McKinley.** A dwarf growing variety, color a brilliant crimson, with bright scarlet shading. Truss large, compact and stands well above the foliage—Height 3 feet.

**Pres. Cleveland.**

Color bright, distinct orange scarlet; one of the showiest sorts. It is a fine compact, vigorous grower, producing trusses and flowers of the largest size—Height 4 feet.

**Pres. Carnot.** Foliage deep chocolate maroon, one of the best of the dark leaved varieties. Flowers bright scarlet. Height 4½ feet.

These three varieties can be used with fine effect in planting beds on the lawn, using the Carnot for center, Cleveland next and McKinley for the outer row. They are all free bloomers.

**SPECIAL OFFER 106.**

These three Cannas for 60c postpaid.

**SPECIAL OFFER 107. A CANNA BED.**

For a bed 6 ft. in Diameter.

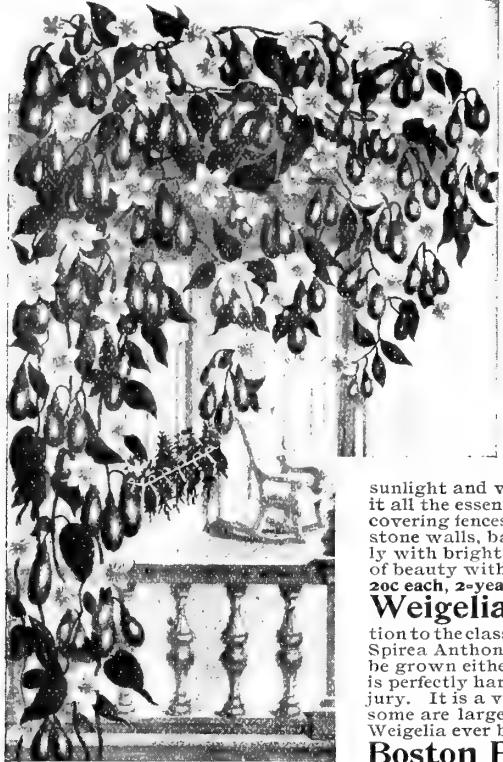
1 Pres. Carnot for center 25c.

6 " " Cleveland, second row \$1.25

12 " " McKinley, outer row \$2.50

10 choice Plants for \$3.25 by ex-

press at purchaser's expense.



MATRIMONY VINE

ful and ornamental that it is superseedling nearly all other varieties, both with the florist and amateur. Its long, graceful, drooping fronds often attain a length of 5 or 6 feet in a single year, while its foliage is always clean and healthy, not subject to the attacks of scale, mealy bugs and other insects. Some firms are sending out a variety similar to the Boston Fern and hard to distinguish from it when small. Our patrons are warned against buying so-called Boston ferns from irresponsible and unknown parties. We are headquarters for the true stock, and offer strong, well-rooted, thrifty, pot-grown plants, not runners from the bench with a few weak roots. 25c each, \$2.50 per dozen. Larger plants, by express, at 75c to \$5.00 each.

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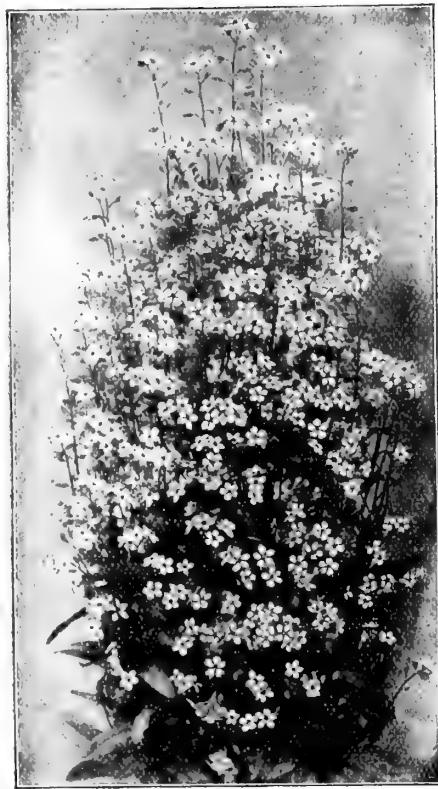
BOSTON FERN



WEIGELIA, EVA RATHKE.



HIBISCUS, JOAN OF ARC.



### Forget-Me- Not, The Gem.

(See cut.) A new and decided acquisition to the class of hardy herbaceous blooming plants. It forms compact, bushy plants which blossom continuously during the winter when grown in pots in the house. As an outdoor bloomer in the summer it is equally profuse, being continually in flower the entire season and until killed by frost. The blossoms are of three shades, white, delicate pink and pale blue, borne in long sprays and are particularly valuable for cutting. Plants are perfectly hardy, withstanding the lowest temperatures without protection, 25c each or \$2.50 per doz.



ASPARAGUS PLUMOSUS.

### Asparagus Plumosus Nanus.

(See cut.) CLIMBING LACE FERN. A most beautiful ornamental climbing plant for house culture. The leaves are a very deep green color, of fine lace-like texture, which remain green and fresh a long time after being cut. It is of climbing habit and can be easily trained to any desired shape or form of trellis. It is one of the finest house plants ever introduced, and is also valuable to florists for cutting for bouquets, table decorations, etc. The plants which we offer have been grown cool, thus providing them with an abundance of tuberous roots which will throw up strong, feathered foliage of the most beautiful character. We cannot too highly recommend this plant, as we are confident it will please our customers in every respect. Strong plants 25c each. Large plants, by express, 50c and \$1.00 each.

### Japanese Cedar.

(See cut.) This is one of the most beautiful ornamental plants of recent introduction. It is of most easy culture and rapid growth, and succeeds in almost any situation. It is a tender evergreen, attaining a height of several feet in a few years. It is as beautiful as the Auracaria or Norfolk Pine, is of much easier culture, and, being a rapid grower, attains a large size much sooner. Though of comparatively recent introduction it has been grown in Japan for many years seen a cleaner plant and one freer from the attacks of insects, 25c each.

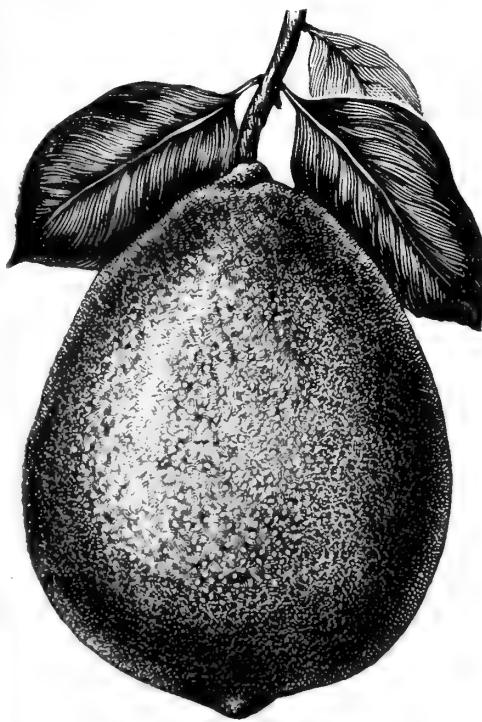
(See cut.) Another fine and valuable fruit for house culture. The leaves are a deep glossy green like the Otaheite Orange, are neat and attractive at all times. In addition to this, its waxy white, fragrant blossoms, produced in clusters, and followed by large, showy fruit, make this plant at all times beautiful as well as useful. The fruit is very large, of fine flavor, and superior to the ordinary lemons of commerce, in every particular. You will make no mistake in ordering this most beautiful plant, as it is valuable alike as an ornamental plant or as a fruit

FORGET-ME-NOT.

years where it is highly prized. We have never seen a cleaner plant and one freer from the attacks of insects, 25c each.

### American Wonder Lemon.

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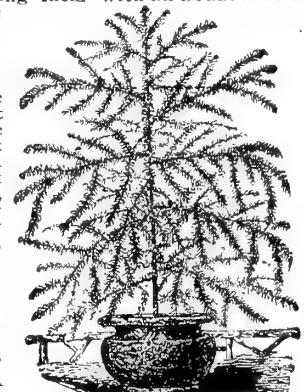
AMERICAN WONDER LEMON.

### Japanese Fern Balls.

(See cut.) A most curious novelty. These very interesting ferns are independent of both soil and moisture. The former they do not require, as they are rooted in moss; and when the latter is withheld they simply dry up and go to sleep, to re-awaken when moisture again reaches them. They are grown suspended in the air, like other air plants, and are 6 inches or more in diameter, in their dormant or dry state, in the moss. They will live for years under proper treatment, alternately resting and growing, according to circumstances. They are very satisfactory as house ferns, and attract much attention and interest. It is best to treat them with some degree of regularity, giving them water two or three times a week during the growing season, and no water at all during the resting period. These periods can be arranged at convenience, but each should cover say two or three months or longer. The green foliage is light and beautiful. If desired, the root-filled bunch of moss may be divided and placed in a fern dish, but the hanging position is more graceful. I do not know of a prettier or more interesting house plant among recent introductions.

CAUTION. Many firms are sending out small, second-class, inferior plants which will fail to give satisfaction on account of their poor, broken roots. The plants we offer are large, first-class, selected dormant balls which will respond quickly to water and throw out their long, graceful fronds in a very short time. \$1.25 each, postpaid; 3 for \$3.00, by express.

CLUB RATES. By combining your orders with your neighbors or friends, you can often save from 25 to 50 per cent., besides securing extras. See our discount rates on large orders.



JAPANESE CEDAR.



JAPANESE FERN BALL.

## GIANT FLOWERING CALADIUM.

## The Twentieth Century Marvel. (See cut.)

foliage plant of recent introduction. This magnificent novelty is a native of Central America, resembling the well known Elephants Ear or Caladium Esculentum in general appearance. But it is much larger, grander and finer in every particular. The plants and leaves are of gigantic proportions and soon attain an enormous size, well grown specimens reaching a height of 8 to 10 feet with leaves 4 to 5 feet long and 2 to 3 feet in width. The mid ribs and veins of these giant leaves are sunken giving them a rich quilted appearance, instead of being a dull green. The leaves of this variety are a bright glossy green, glistening in the sun as it varnished. The leaves are also elegantly bordered, giving them a rich finish. They are borne aloft on great leaf stalks and never droop to the ground under the rays of a hot sun or in dry weather as do those of the common variety. But the crowning glory of this mammoth foliage plant are its enormous snow white fragrant blossoms, which are produced freely throughout the entire season. In fact it is never out of flower after it once begins. When four or five months old it begins to flower and blossoms continuously forever after. Plants lifted from the open ground in the fall will be in bloom all winter in the greenhouse until ready to plant out the following season. The flowers resemble a mammoth Calla in form and substance, remaining open 3 days. The first 2 days they are pure white changing the third day to a pale yellow. The fragrance of the flowers is most powerful, the odor from one bloom perfuming the atmosphere for many rods and are of a most spicy and aromatic fragrance. Many of the flowers are 15 inches long and 7 or 8 inches wide.

**As a Pot Plant** This marvelous novelty possesses great merits. It is of the easiest culture imaginable, thrives well in any situation, grows rapidly, and soon attains immense proportions. Give it rich soil, the richer the

better and plenty of water and it will surprise you. Strong plants, 35c each, 3 for \$1.00. (See cut.)

**CALADIUM, Fancy Leaved Varieties.** still quite rare in the North. They are of easy culture, rapid growth and on

account of their highly colored and marked leaves are among the showiest and most decorative foliage plants grown. They are distinctly a summer plant being a tender herbaceous perennial, the tops dying down each fall and spring up again the following spring. They make grand conservatory or greenhouse plants and are used as well for outdoor bedding in shady places, in light rich soil. Our collection consists of 12 best named varieties embracing the widest variations in shades and markings. All most beautiful and distinct. 25c each, the entire set of 12 \$2.50.

**Phrynum Variegatum.** (See cut.) Here we have another novelty of rapid growth and wondrous beauty, adapted alike to house or yard culture. The leaves are bright pale green, beautifully variegated with white, cream and gold. The variegations are extremely diversified no two leaves being found with exactly the same markings. As a bedding plant it has no superior. It grows as easily as a Canna and while it has no bloom the gorgeousness of its foliage surpasses that of any known bedding plant. It thrives in partial shade, but succeeds best in the full sunlight. As a pot plant, for house culture it has no rival. It is especially valuable for the centres of hanging baskets, vases, etc. and is remarkably fine for single specimens in Jardinières, etc. 25c each, \$2.50 per doz.

**Begonia, Gloire de Lorraine.** (See cut.) This is a charming plant of rare and pleasing beauty. It is the most prolific blooming Begonia we have ever grown as well as the most beautiful. It grows from 12 to 15 inches high forming naturally graceful, compact, bushy plants, which are completely smothered in bloom from October to April. The blossoms are bright rosy pink, produced in large panicles and drooping gracefully on short stems, while the clear green foliage forms a nice setting for their wondrous beauty. This variety is largely grown for the Christmas trade in London, Paris, New York and other large floral centres and is the best acquisition to the Begonia Family ever introduced. 35c each, \$3.50 per doz.



BEGONIA, GLOIRE DE LORRAINE.



FANCY CALADIUM.

**Patrinia Hispida.** This is a beautiful new hardy perennial lately introduced from Siberia. The plant is of dwarf habit, attaining a height of 15 inches, and producing beautiful deep yellow flowers in large umbels. A most striking and attractive plant for the lawn. Pkt. 15c.

**Oxalis Tropaeoloides Brilliant.** A most charming foliage plant, used principally for carpet bedding. It is a very dwarf growing creeper which soon forms a thick carpet-like mat of a pleasing reddish brown color. For borders, rock work, mounds, etc., it is unsurpassed, being of free and rapid growth and very free from the attacks of insects and disease. Pkt. 15c.

**PHLOX, Queen Victoria.** An immense flowering white variety bearing great clusters of flowers on strong, stiff stems 18 or 20 inches high. Seed sown in the early spring will begin to flower by July and the plants will be literally covered with blossoms until late in the autumn. It is extensively used by florists in cut flower work and is very desirable for bouquets. Pkt. 15c.

**The Kentucky Ivy.** A very handsome, tender, perennial climber, with charming, glossy green leaves. It makes a rapid growth and is fine for covering rockwork, etc., in the garden and especially valuable for hanging baskets for winter decorations. Pkt. 10c.

**Variegated Japan Hop.** A rapid summer climber, attaining a height of 20 to 30 feet in 3 or 4 weeks. The foliage is most luxuriant, making a dense covering, fine for verandas, trellises, summer houses, etc. Heat, drought and insects do not trouble it. The leaves are of intense green, beautifully blottedched and marbled white and gray. Pkt. 10c.



PHRYNUM.

# OVER 230,000 GARDENERS, FARMERS AND FLOWER GROWERS

## SOWED

AMERICA'S  
LEADING SEED GROWERS.

# MAY'S NORTHERN GROWN SEEDS IN 1901.

## EARLIEST, HARDEST AND MOST PRODUCTIVE.

Seeds Postpaid by Mail.

### READ THIS!

#### ASPARAGUS. GERMAN—Spargel SWEDISH—Sparris FRENCH—Asperge SPANISH—Espirragos.

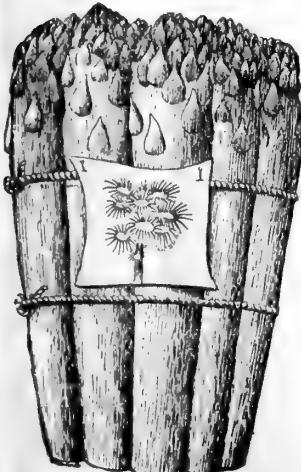
Asparagus is one of the earliest spring vegetables, and would be in universal use were it not for the mistaken idea that it is difficult to grow. It delights in moist sandy soil but can be grown in any garden by following the instructions given here. A bed 15 x 50 feet requiring about 100 plants, should give an abundant supply for an ordinary family.

**CULTURE**—Beds are usually formed by setting plants one or two years old, which can be procured of us, but if you wish to grow them yourself, pour hot water on the seed and allow it to stand until cool, pour it off and repeat with fresh, hot water once or twice and then sow in drills one foot apart and two inches deep in light, rich soil. When the plants are well up, thin to about one inch apart and give frequent and thorough cultivation during the summer. If this has been well done, the plants will be fit to set the next spring. The permanent beds should be prepared by deep plowing or spading and thoroughly enriching the ground with stable manure or other fertilizers. If the subsoil is not naturally loose and friable, it should be made so by thoroughly stirring with a subsoil plow or the spade. Set the plants about four inches deep and one to two feet apart in rows four to six feet apart. After the plants are well started give frequent and thorough cultivation. Early the next spring spade in a heavy dressing of manure, and one quart of salt to each square rod and cultivate well as long as the size of the plants will permit, or until they begin to die down. The next season the bed may be cut over two or three times, but if this is done, all the shoots, no matter how small, should be cut, and, after the final cutting, give a good dressing of manure, ashes and salt, and frequent cultivation, till the plants meet in the rows. In autumn, after the tops are fully ripe and yellow, they should be cut and burned. The next season the bed should give a full crop, and if well cultivated and manured will continue to do so for several years.

**Barr's Mammoth.** It comes in earlier and grows more than twice as large as Conover's. Colossal. Pkt. 5c. oz. 10c. 1-4 25c. lb. 75c.

**Columbia White Mammoth.** While the green stalks are the more tender and finely flavored as a rule, a white stalk is frequently preferred especially for canning. Formerly these white stalks were obtained by planting the roots deeply and cutting the stalks a considerable distance under the surface as soon as the shoots appeared,

the portion below the surface being finely blanched, but quite woody and almost tasteless. A grower has established however, by continued selection, this large stalked strain, which produce white stalks above the surface, and which are nearly as fine flavored as the best green stalked. We offer seed from carefully rogued beds. Also a supply of roots grown from this strain of seed. A magnificent variety of Asparagus; furnishes white shoots which stay white as long as fit for use without earthing up or any other artificial blanching, and because it can be absolutely depended on to give 80 or 90 per cent white plants from seed. Pkt. 5c. oz. 10c. 1-4 25c. lb. 75c.



PALMETTO

#### Conover's Colossal.

A standard sort—color deep green, spreads less than others. The shoots are of the largest size, very productive and of the best quality. Pkt. 5c. oz. 10c. 1-4 lb. 20c. lb. 50c.

#### Palmetto.

An enormous yielder, earlier and larger than Conover's Colossal. Pkt. 10c. oz. 15c. 1-4 lb. 20c. lb. 75c.

Strong one year old roots of any of the above varieties 25 for 50c by mail. \$1.00 per 100, \$5.00 per 1,000 by express at your expense.

#### ARTICHOKE. GERMAN—Artischoke SWEDISH—ARTSKOCKA FRENCH—Artichaut. PANISH—ALCACHOFA

The Globe Artichoke, is grown for its flower heads, which are cooked like asparagus. Seed can be sown in hotbeds and transplanted into pots, until danger of frost is past; then transplant into very rich ground, three feet apart each way, protect, in winter, with a slight covering of manure or leaves. The second season they will form heads about July 1. Once established they will bear for years.

**Large Green Globe.** The standard variety for garden culture. Pkt. 5c. oz. 30c. 1-4 lb. \$1.00

#### Artichoke Roots.

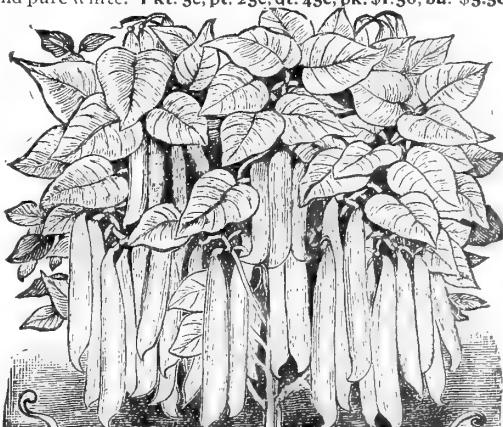
**Giant White.** see page 49.  
GERMAN—Bohne. FRENCH—Haricot.  
SWEDISH—BONOR. SPANISH—Frijolorenano.

**CULTURE**—No crop responds more readily to good soil and cultivation than this. The soil best adapted to them is a light, rich, well drained loam which was manured for the previous crop. If too rank manure is used it is apt to make them grow too much to vine. Beans are extremely sensitive to both cold and wet, and it is useless to plant them before the ground has become dry and warm. The largest return will result from planting in drills from two to three feet apart and leaving two to six plants to the foot of row. Up to the time of blossoming they should have frequent shallow cultivation, but any cutting of the roots after the plants come into bloom is liable to cause the blossoms to blast and so cut off the crop. Remember that beans should always be cultivated very shallow, and that it is useless to expect a crop from a field so poorly prepared as to need deep stirring after planting.

From one pint to two quarts will be sufficient to furnish a supply for an ordinary family, and varieties should be selected so as to give a succession both of string and green shelled beans. The wax podded beans are particularly liable to run off into green podded plants, and it requires constant attention and skillful selection to keep them pure, so that it is especially important to use only seed from reliable sources.

Sow about the 1st of May in a warm, sheltered situation, covering about two inches deep. The seeds should be dropped about three inches apart. Keep hoed when the earth is not too wet and kill all weeds as soon as they appear. One qt. to 150 hills; 10 to 12 qts. to the acre, in drills.

**Crystal White Wax.** (See cut.) Although in reality not a wax bean, it has proven to be one of the most desirable varieties ever produced. It is valuable either for snaps or pickles. The vines are large, of a spreading habit and very productive having numerous runners, usually producing pods in pairs throughout their entire length. Pods greenish white, rather short, curved and quite thick. The ripe beans are oval in shape and pure white. Pkt. 5c. pt. 25c. qt. 45c. pk. \$1.50. bu. \$5.50



CRYSTAL WHITE WAX.



### Valentine Giant Stringless Bean.

(See cut.) This valuable variety which is of recent origin, has proven to be superior to any other green podded bean ever offered and will be prized by all who grow for home or market use. It possesses the following points of superiority over the old, Red Valentine and other sorts: 1—It is ready for market fully a week earlier. 2—The pods average 1-3 larger, being from 5 to 6 inches in length. 3—They are always absolutely stringless, round, full and fleshy. 4—It is more prolific, producing from 20 to 30 per cent more pods. 5—Its quality is unsurpassed, being most deliciously flavored. It is beyond question the most profitable bean to grow for the early market, as its enormous yields, its earliness and its good quality all combine to render it very popular and much sought after. Give it a trial this year and you will forever plant it afterwards. Pkt. 10c, pt. 25c, qt. 45c, pk. \$1.50, bu. \$4.50.

### The Burpee's Stringless Green Pod.

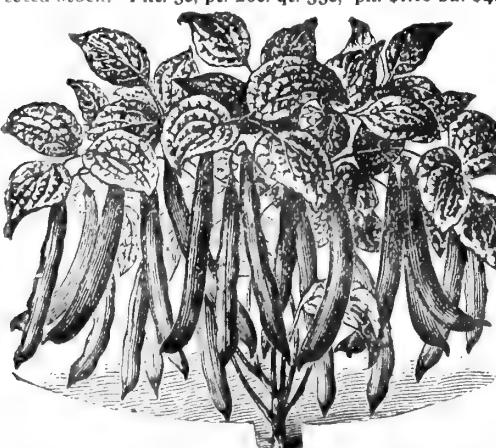
(See cut.) New and desirable. Just the bean for amateurs. An extra early variety that is certain to give entire satisfaction. Ready for market about two weeks earlier than the old varieties. It is positively stringless, and remains tender and crisp longer after maturity than any other variety. Several tests since its introduction enable us to speak in highest terms of its qualities. The pods are of pale green, long and straight, perfectly round and meaty, maturing with the earliest of the green pod varieties. Not only is it a valuable market gardener's sort, but certainly an acquisition for the amateur. A bean that cannot be too highly recommended. Pkt. 5c, pt. 20c, qt. 35c, pk. \$1.10, bu. \$4.00.

### Dwarf Horticultural.

Strong thrifty vines of compact upright habit, with splendid heavy leaves. It is wonderfully productive and will produce green shelled beans, earlier than any other variety. Pods medium length, cylindrical, curved, with splashes of bright red on yellowish ground. The ripe beans are large, oval, plump, and nearly covered with splashes of bright red. This is undoubtedly the best variety for use shelled green, and although of different form is about equal to the Lima in quality. Pkt. 5c, pt. 20c, qt. 35c, pk. \$1.25, bu. \$4.50.

### Improved Red Valentine.

New varieties are introduced almost each year but none seem to remain in favor so long as this old standard variety. It is without doubt one of the very best green podded varieties that can be grown. The vines are strong, vigorous, erect in habit, with large, dark green leaves. Pods are of good size, curved, with a crease in the back, fleshy, crisp and tender. There are probably a half dozen different strains of Valentines offered by various houses but after thorough trials we fail to find any that equal our old selected stock. Pkt. 5c, pt. 20c, qt. 35c, pk. \$1.10, bu. \$4.00.



EXTRA EARLY REFUGEE

### BEANS DWARF OR SNAP GREEN PODS.

#### Best of All.

(See cut.) Popular everywhere. The vines are strong and vigorous, producing an abundance of handsome green pods quite early in the season. As the pods mature they are lighter in color and often splashed with red. When ready for use as green shelled, the beans are large, mottled with red, tender and of delicious flavor. The dry beans are mottled in two shades of brownish red. One of the leading heavy yielding green podded varieties. Valuable for private and market use. Pkt. 10c, pt. 25c, qt. 35c, pk. \$1.25, bu. \$4.50.



BEST OF ALL

of this new strain are equally as tender and fine in flavor and the plants equally as productive as the popular and well known Refugee or 1000 to 1. They have the additional merit of producing fine pods ten days to two weeks earlier. The pods are nearly round, pale green, 5 in. long tapering to a point, flesh solid, brittle, and mild in flavor, but with slight strings; of handsome appearance and fine flavor; very prolific; an excellent summer sort. Pkt. 5c, pt. 20c, qt. 35c, pk. \$1.10, bu. \$4.00.

**Extra Early Refugee.** (See cut.) The pods of this new strain are equally as tender and fine in flavor and the plants equally as productive as the popular and well known Refugee or 1000 to 1. They have the additional merit of producing fine pods ten days to two weeks earlier. The pods are nearly round, pale green, 5 in. long tapering to a point, flesh solid, brittle, and mild in flavor, but with slight strings; of handsome appearance and fine flavor; very prolific; an excellent summer sort. Pkt. 5c, pt. 20c, qt. 35c, pk. \$1.10, bu. \$4.00.

**Longfellow.** Long green pods, exceedingly prolific, always solid, delicious flavor, wonderfully tender, remarkably early. This is an ideal string bean. The pods are 6-1-2 inches long, pale, soft green in color, perfectly straight and round. They are free from that woolly inner lining of tough skin which we associate with old beans, and what little string exists is not developed until the pod is quite old. The flavor is most delicious, and it has the peculiarity of preserving its delicate color almost intact when prepared for the table. It is remarkably early, being ready for use four days in advance of any variety of merit. Its bearing qualities are unexcelled, and it matures its crop very regularly, even under adverse conditions. Pkt. 10c, pt. 25c, qt. 45c, pk. \$1.50, bu. \$4.50.

**White Navy.** A small white seeded variety. Plants 15 inches high and immensely productive; pods small and tender; used extensively for baking. Pkt. 5c, pt. 20c, qt. 35c, pk. \$1.00, bu. \$3.50.

**Refugee or Thousand to One.** Vines large spreading, exceedingly hardy with small smooth leaves and large lilac flowers, very late, and esteemed for late planting, and for use as pickles; pods long, cylindrical, green becoming white, streaked with purple as they mature; of good quality as snaps; beans long, light drab, dotted and splashed with purple. Pkt. 5c, pt. 20c, qt. 35c, pk. \$1.10, bu. \$4.00.

**California White Tree.** Extensively grown for field culture, bush of upright habit bearing immense crops. Out yielding other sorts by nearly fifty per cent. Pkt. 5c, pt. 20c, qt. 35c, pk. \$1.00, bu. 3.50.

**Early China Red Eye.** Desirable for home use where are required. Early in the season. Vines are stout, bushy, erect in the habit of growth. Pods are short and straight, rather flat and when picked are of excellent quality as snaps. It is very prolific, and desirable for market gardeners as well as for private gardens. Pkt. 5c, pt. 20c, qt. 35c, pk. \$1.15, bu. \$4.00.

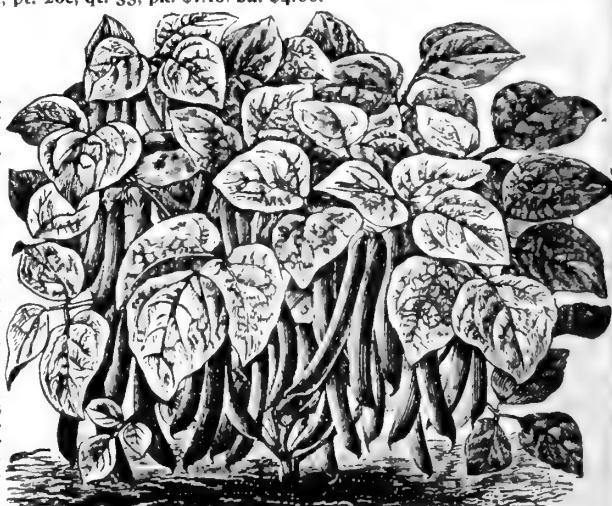
**Early Mohawk.** A standard variety, yields heavily even on poor land. A hardy vigorous grower, vines large, coarse leaves, which will stand a slight frost. Pods long, straight. Beans long kidney shaped, variegated with drab, purple and brown. Is much in favor for forcing under glass as it matures quickly and carries a good weight of long large pods. Pkt. 5c, pt. 20c, qt. 35, pk. \$1.10, bu. \$4.00.

### White Kidney.

A superior variety for baking and is also excellent when shelled green. Pkt. 5c, pt. 20c, qt. 35c, pk. \$1.10, bu. \$4.00.

### May's Yellow 6 Weeks

An early productive variety of excellent quality. Vines are healthy, vigorous in growth, and of quite a branching habit. The pods are large, almost straight, and quite thick. Beans are long, kidney-shaped and a yellowish drab color. Pkt. 5c, pt. 20c, qt. 35c, pk. \$1.10, bu. \$4.00.



BURPEE'S STRINGLESS GREEN POD



REFUGEE WAX.

**Davis' Kidney Wax.** Something that American bean growers have wanted for years. A wax podded bush bean, with white seed. The pods are of a light, golden color, and well filled with large white beans of the most delicious flavor. Vines strong and vigorous. Test yields with other leading bush wax varieties showed over one-third heavier yield on the same ground. Very early and productive. Pkt. 5c, pt. 20c, qt. 35c, pk. \$1.50, bu. \$5.00.

**Rust Proof Golden Wax.** This valuable variety is attracting considerable attention among the bean growers of this country on account of its being rust proof. It is positively proof against that most destructive enemy of all beans, the rust. It has been tested thoroughly in all sections, and grown side by side for several years with other wax beans, all of them more or less affected by rust, many of them completely ruined, and this variety has remained entirely free from it. Another most desirable feature about this splendid bean is that it is always crisp, tender and of the most delicious flavor. The pods are long, nearly straight, broad, flat and of a rich golden yellow. Pkt. 5c, pt. 20c, qt. 35c, pk. \$1.50, bu. \$4.75.

**Detroit Wax.** Greatly resembling the Golden Wax. Pods large and of a clear golden color when ripe. Proven to be rust proof and therefore most desirable for general use. Pkt. 5c, pt. 20c, qt. 35c, pk. \$1.50, bu. \$4.75.

**Refugee Wax.** (See cut.) Strong bush growth, with slight tendency to form runners; very productive. Slender, round, light golden yellow pods five inches long; quite round or pencil shaped, solid, meaty, even when beans are formed, brittle and entirely stringless. It is quite early for a wax variety, and its great productiveness and superior quality make it desirable to plant for market. Pkt. 10c, pt. 25c, qt. 45c, pk. \$1.50, bu. \$5.00.

**Rogers' Lima Wax.** (See cut.) A magnificent new bush variety that has become very popular since its introduction. The pods are the broadest of all wax bush beans, color transparent glossy lemon wax, having the yellow, waxy appearance very soon after the pods are formed. When picked they retain their bright, attractive appearance for a long time and not become tough. Quality very tender, juicy, and flavor delicious. Seed small, oval, pure white, which is much in their favor compared with a colored bean. Pkt. 10c, pt. 25c, qt. 45c,

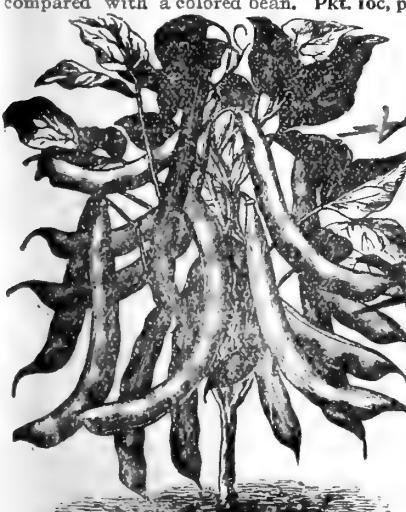


NEW LIMA WAX.

very large, smooth and tender, perfectly stringless and of unusually fine quality. The entire pod assumes a rich golden color at a very early stage of growth—very important feature which no other sort does. The dry beans are white, with two shades of reddish purple more or less visible, and a distinct kidney shape. Prepared for the table it has a fine buttery flavor and exceedingly tender. Pkt. 5c, pt. 20c, qt. 35c, pk. \$1.25.

**Yosemite Mammoth Wax.** The pods frequently attain a length of 10 to 14 inches, and the thickness of a man's finger, and are nearly all solid pulp, the seeds being very small, when the pods are fit for use. The pods are a rich golden color, and are absolutely stringless, cooking tender and delicious. This is the coming Wax Bean for family or market purposes. It is enormously productive, as many as 50 of its monster pods having been counted on one bush. The plant is so large and vigorous, and the pods are so solid and pulpy, that they require a great deal of light and air to perfect them. Pkt. 10c, pt. 25c, qt. 45c, pk. \$1.75.

**Valentine Wax.** An improved Extra Early wax pods. A striking acquisition has been obtained in the list of wax beans through the introduction of this sort. Up till now there has been no sort of such prominence among Wax Beans that could compare with that of the Valentine among green beans. We now have an excellent wax podded sort possessing in a remarkable degree the excellent features of this sort. It is very early for a Wax Bean. A planting made on June 12th made a fair picking by July 28th—46 days. Very tender, and almost without string. The pod is free from any toughness whatever, but is almost solid throughout. Pkt. 10c, pt. 25c, qt. 45c, pk. \$1.50, bu. \$5.00.



CHALLENGER BLACK WAX.

**Black Eye Wax.** Very early, very tender, productive and of excellent quality. Pkt. 5c, pt. 20c, qt. 35c, pk. \$1.50, bu. \$5.00.

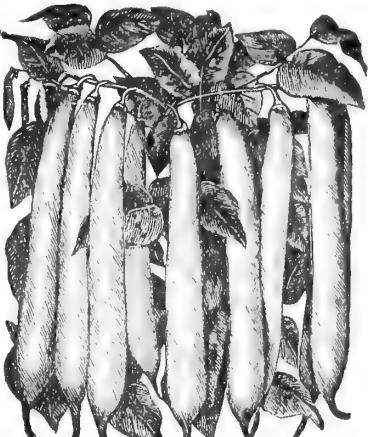
**Black Wax Improved Pro-**

**lific.** A popular variety; pod a waxy yellow, solid, tender, almost transparent; stringless; seeds when ripe, jet black. Pkt. 5c, pt. 20c, qt. 35c, Pkt. \$1.50, bu. \$4.75.

**Black Wax Challenger.** (See cut.) Dwarf bush growth and very prolific. Pods three or four inches in length, usually curved, quite round; meaty, brittle and entirely stringless; deep golden yellow, of excellent flavor. Pkt. 5c, pt. 20c, qt. 35c, pk. \$1.50, bu. \$4.75.

**Black Wax Currie's Rust**

**Proof.** Early and very productive, pods straight, rather flat, 5 in. in length and of a light golden yellow; fleshy, brittle and of fine flavor. A favorite among market gardeners. Pkt. 5c, pt. 20c, qt. 35c, pk. \$1.50, bu. \$4.75.



GOLDEN EYED WAX.

**Flageolet Wax.** This is really one of the most valuable varieties for either private or market garden purposes. It is as early as either the Black or Golden Wax sorts, and has a peculiar value in the fact that it is nearly always exempt from rust. The pods are often a foot in length, exceedingly succulent and tender. It is an enormously productive variety. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.50, bu. \$5.00.

**Golden Eyed Wax.** (See cut.) The shipper's and market gardener's bean. Keeping qualities unequalled. Yields heavily in any good soil. It is almost perfectly free from rust which is so apt to prevail on the other wax varieties, and for keeping qualities it stands at the head. It is not as tender as some of the other varieties. Vines large, bearing pods well off the ground. Pods same as the Golden Wax, only not quite as thick, and more liable to be stringy. Beans medium size and white, with yellow spot about the eye. Pkt. 5c, pt. 20c, qt. 35c, pk. \$1.50, bu. \$4.50.

**Golden Wax Grenell's Improved.** A greatly improved strain; more prolific, and superior to the old Golden Wax. Pkt. 5c, pt. 20c, qt. 35c, pk. \$1.50, bu. \$4.75.

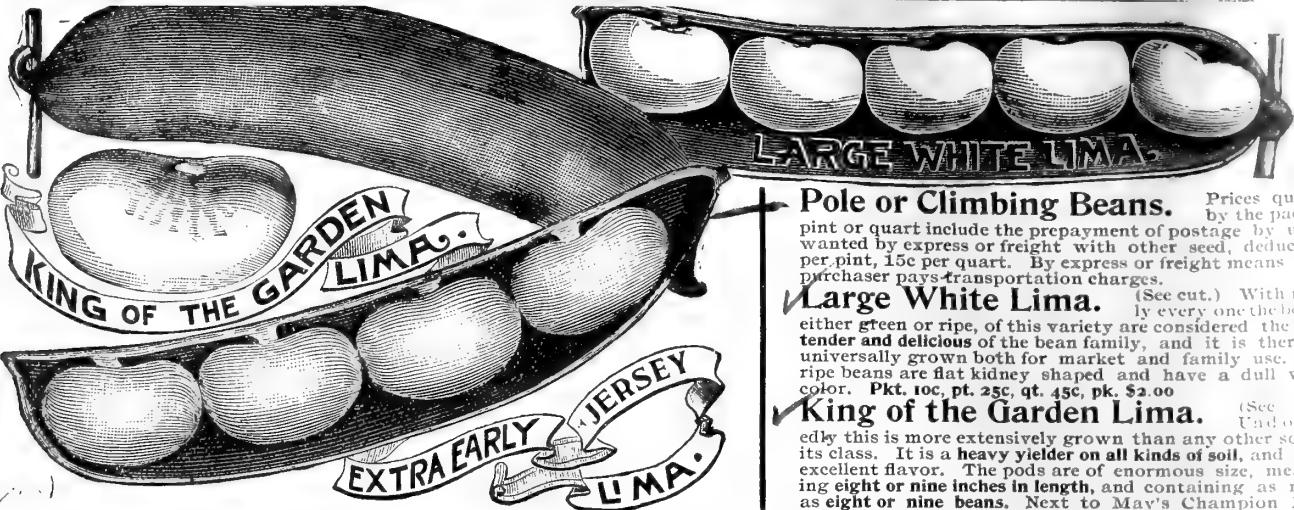
**Golden Wax Keeney's Rustless.** Very early and productive; of excellent quality and entirely free from rust, and very crisp and tender. It keeps longer than any other after picking, which renders it valuable for distant shipping. Pkt. 5c, pt. 20c, qt. 35c, pk. \$1.50, bu. \$4.75.

Called Lima Wax on account of its bright, glossy foliage, and its bloom Lima. They require thin planting on very rich soil and will come true without sporting. The pods are the broadest of all wax bush beans; color transparent, glossy lemon wax, and are borne in the greatest profusion. Being white seeded, is a good baking bean, and retains its rich color and delicious flavor when canned. Pkt. 10c, pt. 25c, qt. 45c, pk. \$1.50, bu. \$5.00.

**Wardwell's Kidney Wax.** A favorite in all parts of the United States. The vines are remarkably vigorous, hardy and productive; the pods are showy, and will sell when all other varieties will be refused; they are tender, perfectly stringless and of unusually fine quality. The entire pod assumes a rich golden color at a very early stage of growth—very important feature which no other sort does. The dry beans are white, with two shades of reddish purple more or less visible, and a distinct kidney shape. Prepared for the table it has a fine buttery flavor and exceedingly tender. Pkt. 5c, pt. 20c,



ROGER'S LIMA WAX.



**Cut Short.** This is commonly called Corn Hill Bean, and is considered a most valuable sort for planting among corn. The beans are oblong in shape, of a white shade, and are usually covered with dark red spots. Pkt. 5c, pt. 25c 45c, qt. 45c, pk. \$1.75.

**Dutch Case Knife.** Produces large, flat pods that are excellent for snaps, cut young. The bean is large, flat and of superior quality, green shelled or dry. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.75.

**Southern Prolific.** Pods are handsome in appearance and of the finest quality. They grow in clusters, and are five to six inches in length, quite straight and round. The beans are rather small, oval in shape and of a dun color. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.75.

**White Dutch Runner.** An ornamental variety, large white seed, bearing beautiful clusters of white flowers; good as a shelled bean. Pkt. 5c, pt. 25c, qt. 45c pk. \$1.75.

**Goldens Cluster.** (See cut.) lasting Pole Bean. A magnificent variety that bears continuously the entire season. It grows rapidly, bearing very early clusters of three to six pods of rich golden color. Pods average about 8 in. in length, exceedingly tender and entirely stringless, retaining their plumpness and tenderness long after they have attained a large size, and continue to bear, if the pods are picked, until frost. It is a very common thing to pick 1-2 to 3-4 of a bushel from a single vine at one picking, and its enormous yield recommends it to every one. Few, if any, of the varieties of late introduction are so popular as the Golden Cluster, and certainly none will give better satisfaction than this splendid bean. Pkt. 10c, pt. 25c, qt. 45c, pk. \$2.00.

**Horticultural or Wren's Egg.** An old favorite for both snap shucks, or dry beans. Vines vigorous, pods broad, of a pale green shade, usually streaked with a bright shade of brownish red. Pkt. 10c, pt. 25c, qt. 45c, pk. \$2.00

**Kentucky Wonder.** Early and enormously productive, the long green pods hanging in clusters from top to bottom of the pole entirely stringless. pods of a silvery green color. The pods, though large, cook tender and melting. Pkt. 5c, pt. 25c qt. 45c, pk. \$1.75

**Scarlet Runner.** A great favorite, producing clusters of beautiful scarlet flowers. It is a rapid growing vine, and exceedingly valuable for covering arbors. Pkt. 5c, pt. 25c, 45c, qt. 45c, pk. \$1.50 bu. \$5.00.

**Black Wax.** A bean with large yellow pods which are produced in great bunches for several weeks during the season. In many sections this is considered the most desirable snap bean that can be grown. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.50 bu. \$5.00.

**Creaseback White.** Vines not as large as some other kinds, but very productive. The pods, which are produced in large clusters, are round, fleshy, of superior quality, mature early and stand shipping any required distance. Beans small, white, very firm. A great favorite in the south. Pkt. 5c, pt. 15c, qt. 40c, pk. \$1.75

**GOLDEN CLUSTER**



### LARGE WHITE LIMA

#### Pole or Climbing Beans.

Prices quoted pint or quart include the prepayment of postage by us; if wanted by express or freight with other seed, deduct 8c per pint, 15c per quart. By express or freight means that purchaser pays transportation charges.

#### Large White Lima.

(See cut.) With nearly every one the beans, either green or ripe, of this variety are considered the most tender and delicious of the bean family, and it is therefore universally grown both for market and family use. The ripe beans are flat kidney shaped and have a dull white color. Pkt. 10c, pt. 25c, qt. 45c, pk. \$2.00

#### King of the Garden Lima.

(See cut.) Undoubtedly this is more extensively grown than any other sort of its class. It is a heavy yielder on all kinds of soil, and is of excellent flavor. The pods are of enormous size, measuring eight or nine inches in length, and containing as many as eight or nine beans. Next to May's Champion Lima this is certainly the best bean that can be secured for private gardens where a lima is required. Pkt. 10c, pt. 25c, qt. 45c, pk. \$2.00.

#### May's Champion Lima.

The finest variety for private gardens. Introduced by us several years ago, and another year's trial only proves to us all that we have claimed for this splendid variety. The pods are large, vines vigorous in growth and exceedingly productive. Pkt. 10c, pt. 25c, qt. 45c, pk. \$1.00.

#### Challenger Lima.

The vines are very stout, vigorous and productive, leaves large and thick. The pods are much thicker than those of the other limas, and contain from 4 to 5 beans, which are large, thick white, and of the best quality. It is early and continues bearing its closely crowded clusters of pods until cut off by the frost. Pkt. 10c, pt. 25c, qt. 45c, pk. \$2.00.

#### Dreer's Lima.

Pods short, broad and straight; beans very thick and fleshy. Pkt. 10c, pt. 25c, qt. 45c, pk. \$2.00.

#### Jersey Lima.

The earliest of this class of beans. The pods are large and numerous, having from 4 to 5 beans in each. Pkt. 10c, pt. 25c, qt. 45c, pk. \$2.00.

#### Small or Sieva.

Southern States. The leaves are smooth, rather small and of a rich green shade. The blossoms are yellowish white in color. Pods are quite short, flat, thin and generally curved. The beans, which are of a kidney shape, are of the most delicious flavor. Color white. Pkt. 5c, pt. 25c, qt. 45c, pk. \$2.00

#### Burpee's Bush Lima.

A dwarf form of the true large White Lima. The bushes grow from eighteen to twenty inches high, upright, branching out and forming a compact, bushy plant, bearing large pods well filled with large, delicious beans, similar in size to the well known large pole limas. An enormous cropper. Pkt. 10c, pt. 20c, qt. 35c, pk. \$1.75.

#### Henderson's Bush Lima.

Extremely Early. Grows without the aid of stakes or poles, in compact bush form, about eighteen inches high and produces enormous crops of delicious lima beans. At least two weeks earlier than any of the climbing limas. Pkt. 10c pt. 20c, qt. 35c, pk. \$1.50.

#### Dreer's Bush Lima.

This variety is quite distinct in character of pod and bean from the other named sorts. Plants are of strong growth and very productive, but pods do not mature as early as the large flat sorts. The pods are produced in large clusters and average three to four inches in length; they are quite thick through containing three to four thick beans; they are of excellent flavor, rather more "mealy" than the earlier beans. Being easily shelled and very productive, they are esteemed both for market and home use late in the season. Pkt. 10c, pt. 25c, qt. 45c, pk. \$2.00.

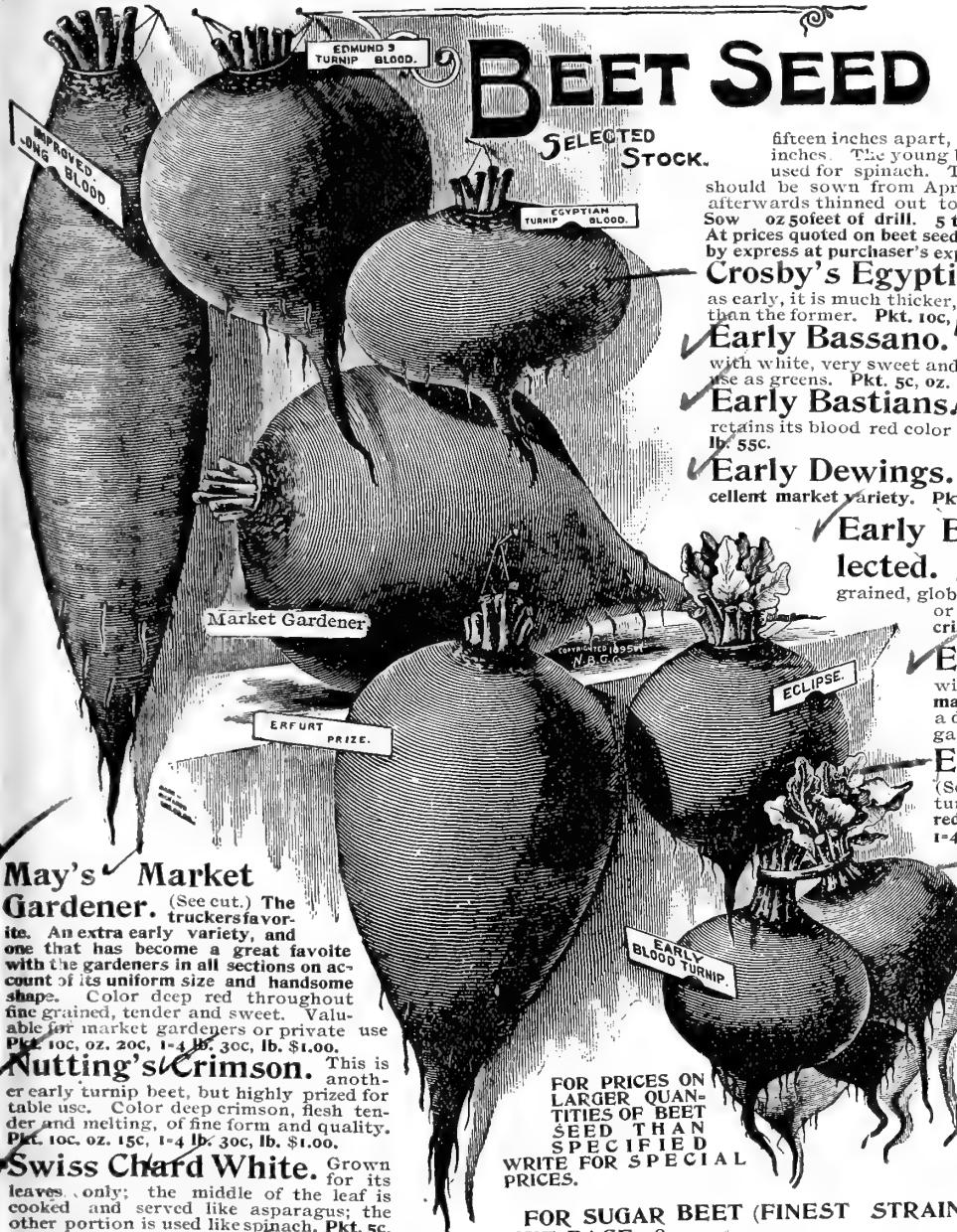
#### Lazy Wife's Pole.

(See cut.) The most popular pole bean grown. Pods are wonderfully broad, thick and above all entirely stringless. They surpass any other variety in the way vines cling to the poles, and every bean grower will at once acknowledge this a most important qualification. Pods are rather flattish, oval shape, and when fully grown are from four to six inches long, exceedingly rich, buttery and fine flavored when cooked. They are hardy, easily grown and most productive. For an early and late snap sort, also as a dry shell or winter bean it is unsurpassed, and such is the peculiar taste and pleasing flavor of this bean that we have known persons who would not eat other varieties of string beans after tasting Lazy Wife. Pkt. 10c, pt. 25c, qt. 45c, pk. \$2.00.



FRENCH—Bettarave.  
GERMAN—Runkel Rübe

## BEET SEED SELECTED STOCK.



## May's Market Gardener.

(See cut.) The truckers favorite. An extra early variety, and one that has become a great favorite with the gardeners in all sections on account of its uniform size and handsome shape. Color deep red throughout fine grained, tender and sweet. Valuable for market gardeners or private use. Pkt. 10c, oz. 20c, 1-4 lb. 30c, lb. \$1.00.

**Nutting's Crimson.** Another early turnip beet, but highly prized for table use. Color deep crimson, flesh tender and melting, of fine form and quality. Pkt. 10c, oz. 15c, 1-4 lb. 30c, lb. \$1.00.

**Swiss Chard White.** Grown for its leaves only; the middle of the leaf is cooked and served like asparagus; the other portion is used like spinach. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.

**Swiss Chard Yellow.** Similar to the above, except in color. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.

**Long Smooth Blood, May's.** (See cut.) Long, smooth, growing to good size, half out of the ground; color dark blood red; top small, of upright growth; excellent for fall or winter use. Pkt. 5c, oz. 10c, 1-4 lb. 15c, lb. 55c

## BROCCOLI.

**CULTURE**—Nearly allied to the Cauliflower, but more hardy. The seed should be sown in this district the early part of May, and transplanted in June; further south the sowing should be delayed until June or July, and the transplanting accordingly from August to October. In parts of the country where the thermometer does not fall below 20 to 25 degrees Broccoli may be had in perfection from November until March. It succeeds best in a moist and rather cool atmosphere.



BROCCOLI.

**Purple Cape.** Considered by many the best for the north, producing fine heads of a purplish brown color. Pkt. 10c, oz. 35c, 1-4 lb. \$1.25.

**White Cape.** Heads medium size, close and compact and of a creamy white color; flavor most excellent. Pkt. 10c, oz. 35c, 1-4 lb. \$1.25.

SWEDISH—Robetar.  
SPANISH—Beteraga.

**CULTURE**—Sow as early in the spring as the ground can be worked, and every two weeks after a succession, up to the first week of July. The soil should be a light sandy loam, well enriched with stable manure, plowed and harrowed until very fine. For general crop sow about the middle of May. Sow in drills one foot apart, and when well up, thin from four to six inches. The young beets pulled out of the rows are excellent, used for spinach. The Sugar and Mangel Wurzel varieties should be sown from April to June, in drills two feet apart, and afterwards thinned out to one foot apart in the rows. Sow  $\frac{1}{2}$  oz. 50 feet of drill, 5 to 6 pounds to the acre in drills. At prices quoted on beet seed, we pay the postage. If seed is to be sent by express at purchaser's expense deduct 10c per pound.

**Crosby's Egyptian.** An improved strain of the Early Egyptian. While being as early, it is much thicker, smoother, of better color and quality than the former. Pkt. 10c, oz. 15c, 1-4 lb. 20c, lb. 75c.

**Early Bassano.** Tops large; leaf stems green; roots large, round, turnip shaped; flesh pink zoned with white, very sweet and tender. An excellent sort to plant for use as greens. Pkt. 5c, oz. 10c, 1-4 lb. 15c, lb. 55c.

**Early Bastians.** Extra Early, half long blood red variety; of quick growth, flesh very tender, and retains its blood red color when cooked. Pkt. 5c, oz. 10c, 1-4 lb. 15c, lb. 55c.

**Early Dewings.** Of fine form and flavor; color blood red, although not so dark as some. An excellent market variety. Pkt. 5c, oz. 10c, 1-4 lb. 15c, lb. 55c.

**Early Blood Turnip May's Selected.** (See cut.) The standard variety for main crop. Color rich, dark red; roots fine grained, globular shaped, with small top free from side or fibrous roots. Cooks sweet, tender and crisp. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.

**Early Eclipse.** (See cut.) An extra early variety, with round, smooth, blood red roots. The market gardeners favorite. Matures early; a desirable sort for market and the home garden. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.

**Edmund's Early Turnip.** (See cut.) One of the most uniform of all turnip shaped beets; tops small; flesh dark red, very tender and sweet. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 65c.

**Egyptian Extra Early.** (See cut.) The best variety for forcing, and excellent for first crop. Tops small, roots dark red, rounded on top, but flat beneath, hard, crisp and tender when young. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.

**Erfurt Prize.** (See cut.) A popular half long German variety of excellent flavor and remarkable keeping qualities. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 70c.

**Lentz Extra Early Turnip.** Tops small; dark red and white, early and profitable; fine, even shape. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60.

**Lightning.** The earliest variety ever introduced. The roots are of fine turnip shape, skin smooth, flesh deep blood red, of the finest quality, eclipsing all other forcing varieties. Pkt. 10c, oz. 15c, 1-4 lb. 25c, lb. 75c.

This variety, introduced a few years since from Germany, is of medium to large size, of a very pleasing dark crimson color. It is exceedingly fine grained, crisp, tender and deliciously sweet. The very best table beet we have ever seen. In addition to these fine qualities it is one of the earliest, if not the very earliest, in cultivation, rendering it of great value to market gardeners and truckers. Pkt. 5c, oz. 10c, 1-4 lb. 25c, lb. 75c.

## BRUSSELS SPROUTS.

The culture for Brussels Sprouts is the same as for Cauliflower. If early plants are raised in a hoisted, they will perfect themselves in September, in the north, and a later sowing should be made in the open ground, that will be in perfection about the time winter commences. These should be taken up and placed in a cool cellar, with the roots in earth, where they will remain fit for use during the winter. Where the winters are not very severe they may remain in the open ground, to be cut as needed.



Brussels Sprouts.

**Dwarf Imp.** A standard variety producing compact heads of fine quality. Pkt. 5c, oz. 15c, 1-4 lb. 50c, lb. \$1.50.

SEE PAGE 48 FOR LIST OF SUGAR AND STOCK FEEDING BEETS . . . .

Walt Disney  
Tom  
Peter

## SELECTED NORTHERN GROWN CABBAGE SEED.

GERMAN—Kopf-Kohl. FRENCH—Choux Pomme.

SWEDISH—KAL. SPANISH—Repollo.

We take special pleasure in recommending our strains of Cabbage to our patrons. Exercising, as we do, the utmost care in the growth and selection of our seed stocks, we know that the Cabbage seed which we offer is unsurpassed in quality. We do not offer two strains of one variety, as we deem the **BEST** none too good for those who kindly favor us with their orders.

Cabbage will thrive on any good corn land, though the stronger the soil the better they will develop. New land is preferable. Plow deep and manure very liberally. The early sorts bear planting from eighteen inches to two feet apart in the rows, with the rows from two to two and a half feet apart, the large varieties to be from two to four feet apart in the rows, with rows from two and a half to four feet apart, the distance varying with the size. The crop should receive as many as two hoes and three cultivations. Cabbage will not usually follow cabbage or turnips successfully in field culture, unless three or four years have intervened between the crops.

Cabbages should be hoed every week, and the ground stirred as they advance in growth drawing up little earth to the plant each time until they begin to head, when they should be thoroughly cultivated and left to mature. Loosening the roots will sometimes retard the bursting of full grown heads.

Of late years many crops of early cabbage have been destroyed by maggots at the roots. The best remedy seems to be to remove the earth from around the stem and apply an emulsion of kerosene made as follows: Add one quart of kerosene oil to two quarts of boiling soft soap which has been thinned to the consistency of cream. Stir the oil thoroughly by churning or other method until it has united with the soap and forms a cream-like substance. Then dilute with five times as much water. Tobacco dust, ashes, slacked lime and coal dust are all recommended as preventatives, and with us have proved valuable in the order named. These are scattered about the plants, leaving one here and there untreated for the flies to congregate around and deposit their eggs upon, when they should be pulled up and destroyed.

The cabbage worms which destroy the leaves and heads later may be killed by dusting with pyrethrum powder.

If the disease called club root should get a foothold, do not plant the land with any of the *Brassica* family for a year or two. This is usually an effective remedy.

To preserve cabbage during the winter, pull them on a dry day, and turn them over on their heads a few hours to drain. Set them out in a cool cellar or out of doors in long trenches in a dry situation, covering with boards or straw so as to keep out frost and rain.

✓ **Early Winningstadt.**

Well known and very popular everywhere; in season very close to the Wakefield. Heads large, decidedly conical, leaves bright, glossy green, solid and hard, even in summer. A sure header, valuable not only for early use, but also for winter cabbage. As near worm proof as any cabbage in the list. Pkt. 5c. oz.

5c. 1-4 lb. 45c. lb. \$1.50.

✓ **Early Dwarf York.** A leading

sort. Being rather small it can be set closer than most others. The heads form rapidly and are tender and sweet. Usually not quite as large as the Jersey Wakefield. Pkt. 5c. oz. 15c. 1-4 lb. 45c. lb. \$1.50.

✓ **Early Large York.** Larger than the above. Pkt. 5c. oz. 15c. 1-4 lb. 45c. lb. \$1.50.

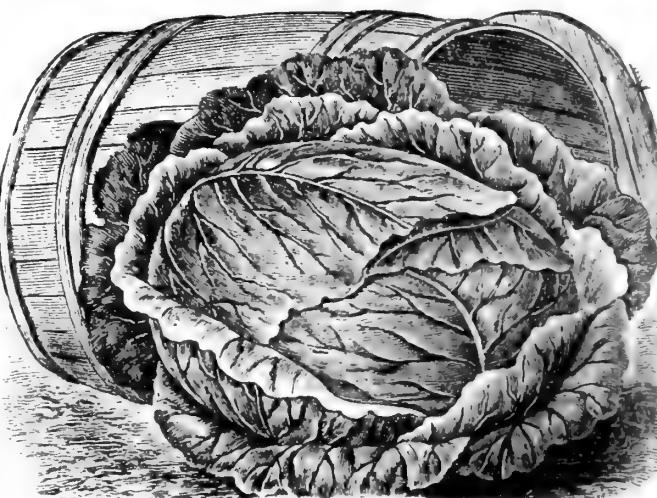
Standard, medium, early sort. Heads large, round, slightly flattened; excellent for the family or market gardener. It does not crack, and keeps till well on in the winter. Pkt. 5c. oz. 20c. 1-4 lb. 65c. lb. \$2.00.



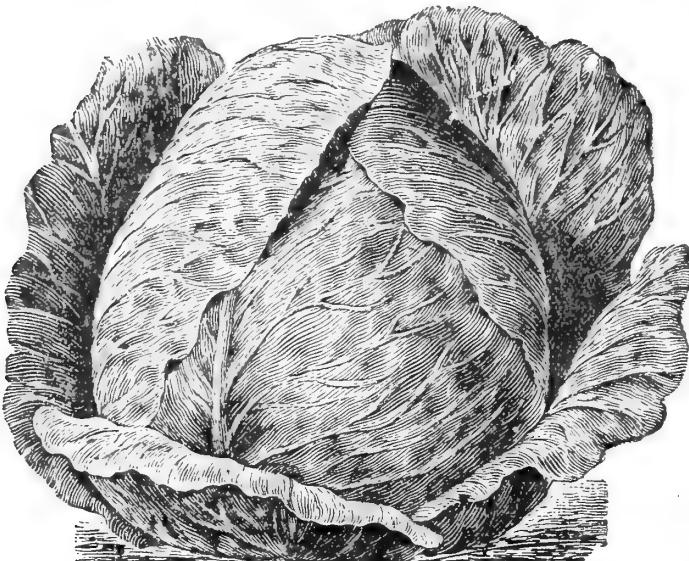
EARLY SPRING.

✓ **Early Drumhead.**

for the family or market gardener. It does not crack, and keeps till well on in the winter. Pkt. 5c. oz. 20c. 1-4 lb. 65c. lb. \$2.00.



EARLY SURPRISE.



MINNESOTA'S EARLIEST

✓ **EARLY POINTED HEADS.****Minnesota's Earliest.**

(See cut.) A conical shaped, hard headed, extra early cabbage that never fails to give satisfaction. We have tested all the extra early sorts and know that none can equal the **Early Surprise** or **Minnesota's Earliest**. Will produce good sized marketable heads seventy days from time of sowing. Pkt. 10c. oz. 25c. 1-4 lb. 75c. lb. \$2.75.

✓ **Early Etampes.** Very early, producing medium sized pointed heads, of good quality. Pkt. 5c. oz. 15c. 1-4 lb. 50c. lb. \$1.75.✓ **Express Extra Early.**

Extra early, heads small, hard, conical shaped. Pkt. 5c. oz. 15c. 1-4 lb. 50c. lb. \$1.75.

✓ **Jersey Wakefield Selected.**

The leading early variety and the best for private or market gardeners use. Heads conical, of medium size, firm, very crisp and tender. A sure header. Pkt. 5c. oz. 20c. 1-4 lb. 65c. lb. \$2.25.

✓ **Early Ox Heart.** Heart shaped, it grows low on the stump and heads freely. Pkt. 5c. oz. 20c. 1-4 lb. 45c. lb. \$1.60.✓ **Large Charleston Wakefield**

A very popular variety with market gardeners in the south. It is about a week later than early Jersey Wakefield, but the heads are nearly one half larger; does not burst when ripe, like most early sorts, and can be left standing in the field some time without damage. Pkt. 5c. oz. 25c. 1-4 lb. 75c. lb. \$2.50.

✓ **CABBAGE EARLY FLAT HEADS.**

✓ **Allthe d.** An all the year round cabbage, producing flat, hard, well folded heads of excellent quality. The heads are deep through, solid, most uniform in color, form and size of any early variety in cultivation. Seeds sown in July and set about the 15th of August will bring large, solid heads that are certain to winter well. Pkt. 5c. oz. 25c. 1-4 lb. 75c. lb. \$2.50.

✓ **Deep Head.** Large heads that are almost round, very solid, of excellent quality. Hardly and withstands dry weather better than many of the other medium early sorts. Pkt. 5c. oz. 20c. 1-4 lb. 65c. lb. \$2.00.

✓ **Early Dwarf Flat Dutch.** A standard sort; heads of large size, very solid, maturing about the same time as early summer. Pkt. 5c. oz. 20c. 1-4 lb. 65c. lb. \$2.00.

(See cut.) Acknowledged to be the largest and finest cabbage in the world. It comes in ten or fifteen days earlier than the early summer. It can't be beat for shipping and is worth a fortune to gardeners. The **Early Surprise** is unquestionably the nearest approach to a thoroughbred of any variety ever introduced. More cabbages can be grown to the acre than any other variety we know of. Pkt. 10c. oz. 35c. 1-4 lb. \$1.00. lb. \$3.00.

✓ **Early Spring.** (See cut.) An extra early flat headed variety, coming in with the Wakefield and yielding a third more than any of the extra early sorts. Has only 4 or 5 outside leaves, so that it may be planted 21 inches apart; about 14,000 to the acre, and has the peculiarities of heading firmly at an early stage of its growth. Pkt. 10c. oz. 35c. 1-4 lb. \$1.00. lb. \$3.00.

## MEDIUM AND LATE FLAT VARIETIES.

**All Seasons.** A greatly improved strain of early flat dutch. Heads very large, round, solid and of fine quality, keeping as well as the winter sorts. Remarkable for its ability to stand the hot sun and dry weather. One of the very best for general cultivation, and none better for late planting. Pkt. 5c, oz. 20c, 1-4 lb. 65c, lb. \$2.00.

**Autumn King.** For description see list of specialties.

**Fottler's Brunswick** Large flat heads of excellent quality. Extensively grown for shipping. Fine for second early or general crop. Pkt. 5c, oz. 20c, 1-4 lb. 65c, lb. \$2.00.

**Hollander or Danish Ball Head.** (See cut.) In the cabbage markets of the country today it is commanding from \$8 to \$10 per ton more than any other variety. At our Mayfield seed farms the past season, notwithstanding the drought, on less than 1½ acres we have grown and stored 42 tons of this variety, and in all our tests this cabbage shows the least inclination to burst. The heads are of medium size, very solid and deep, averaging in weight nearly 8 pounds, and of a fine, white color, making them entirely distinct from any other strain. Their quality is superior and they keep better than any other sort, the heads being just as solid and perfect when taken up in the spring as when they were put away in the fall. No cabbage will sell beside it even if offered at half the price. Pkt. 10c, oz. 25c, 1-4 lb. 75c, lb. \$2.50

**Market Queen.** (See cut.) The gardeners favorite for medium early and late use. It is an early Drumhead Cabbage, yielding heads of an enormous size and of the very best quality. In sweetness, tenderness and richness of flavor it surpasses any other variety we have ever tested. Pkt. 10c, oz. 35c, 1-4 lb. \$1.00, lb. \$3.00.

**Premium Late Flat Dutch.** (Selected Strain.) The great cabbage for fall and winter use. It is a sure header, wonderfully solid and of excellent flavor. The heads are large, oval in shape, and flattened. Well grown heads often measure 12 to 15 inches across. Pkt. 5c, oz. 20c, 1-4 lb. 65c, lb. \$2.00.

**Short Stem Drumhead.** This sort has in a great many other sorts grown for late use. It forms large, hard, solid flattened heads, uniform in shape and color, and of handsome appearance. It has a very short stem, and is a compact grower. Pkt. 5c, oz. 20c, 1-4 lb. 65c, lb. \$2.00.

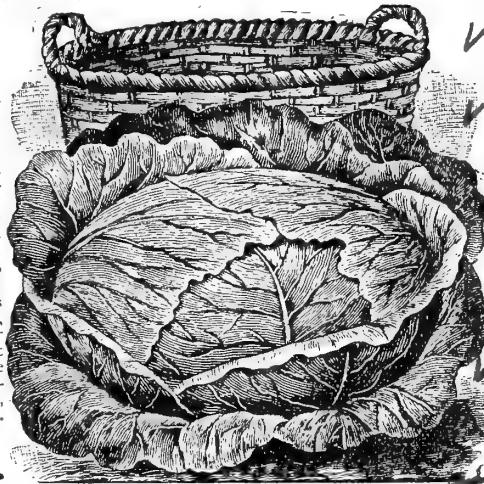
**Solid South.** The best general cabbage in the world; surest heading late sort. Keeping qualities unequalled. It is a large, round sort, with flattened heads. For shipping or home marketing it is the finest cabbage we know of. It will make good, large, solid heads, under the most trying circumstances, and will keep in fine condition longer than any other sort. Pkt. 10c, oz. 35c, 1-4 lb. 75c, lb. \$2.50.

**Succession.** (Henderson's true stock.) A medium early round headed sort, heads very evenly, and comes in a few days later than the Early Summer. It also grows larger than the latter sort, and is grown largely by both the market gardener's and the amateur. Pkt. 5c, oz. 20c, 1-4 lb. 65c, lb. \$2.00.

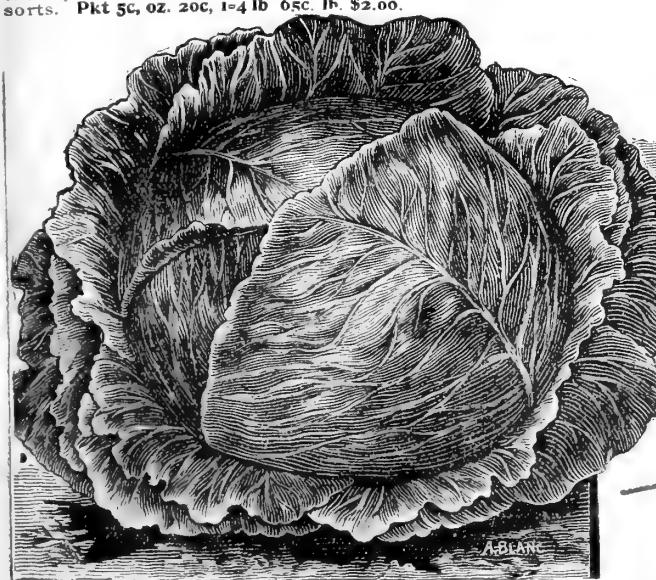
**Surehead.** (Selected Stock.) The heads are large, round, very solid, tender and rich with very few outer leaves, being nearly all a solid, compact head. It has made fine, large, heads, while other sorts failed to make a single head, on account of the extreme drought. Flavor sweet, keeps well, and is a good shipper. Pkt. 5c, oz. 20c, 1-4 lb. 65c, lb. \$2.00.

### Stonemason      Drumhead.

Plants of medium size, with very few outer leaves. Stem medium length; heads of good size, round and slightly flattened, very solid, crisp, and tender, and entirely free from the strong flavor found in many of the late sorts. Pkt. 5c, oz. 20c, 1-4 lb. 65c, lb. \$2.00.



MARKET QUEEN.



SOLID SOUTH.



HOLLANDER

### CABBAGE SAVOY.

**Dwarf Ulm.** Earliest of the savoy varieties. Heads round, solid, deep green in color, and of fine quality. Pkt. 5c, oz. 15c, 1-4 lb. 55c, lb. \$1.75.

**Drumhead Savoy.** Forms a more compact head than the above, very finely curled, and an excellent keeper. Pkt. 5c, oz. 20c, 1-4 lb. 65c, lb. \$2.00.

### RED CABBAGES.

**Mammoth Red Rock.** The largest heading red Cabbage in cultivation, heads, often weighing 12 pounds each. A surecropper. Successful growers prefer this to all other red cabbage. True seed of Red Rock has been scarce for years as it is a shy seeder, but we have harvested a good crop of the genuine article. Pkt. 5c, oz. 20c, 1-4 lb. 65c, lb. \$2.00.

**Red Dutch.** Forms a solid head of a deep red, or purple color; hardy and keeps well; used mostly for pickling and salads. Pkt. 5c, oz. 15c, 1-4 lb. 55c, lb. \$1.75.

### Medium and Late Flat--Cont.

**Late Drumhead.** A standard late sort, planted by growers who make a specialty of shipping cabbage. The heads grow to a very large size, and heavy weight. They are solid and of good quality, and have very few loose leaves, allowing of planting very closely in the field. Pkt. 5c, oz. 20c, 1-4 lb. 65c, lb. \$2.00.

**Hundred Weight.** (See cut.) The largest of all the cabbages. Single specimen having been known to weigh over 40 pounds each. The heads are round, flattened, very solid. It is certainly the truest type of the large late sort, and while not so uniform in shape, it will average more good, solid, salable heads per acre than any other large, late cabbage we know of. Pkt. 10c, oz. 25c, 1-4 lb. 80c, lb. \$2.50.

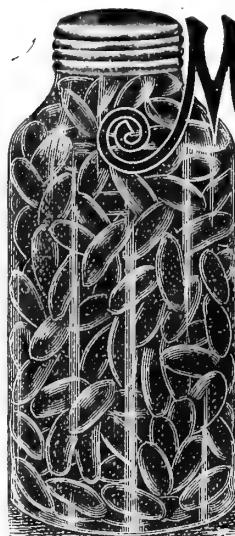
**Marble Head Mammoth.** Grows to an enormous size very hardy and enduring. Grows to an enormous size very hardy and enduring. Grows to an enormous size very hardy and enduring. Grows to an enormous size very hardy and enduring. Pkt. 5c, oz. 20c, 1-4 lb. 65c, lb. \$2.00.

**Large Late Flat Dutch.** The plants are very vigorous and hardy. The leaves large and broad; stem of moderate height; the head large and very solid. A sure header. Always forms a large, handsome head, which keeps better than most sorts. Particularly desirable for those who wish to raise large quantities of cabbage for fall shipment. Pkt. 5c, oz. 20c, 1-4 lb. 65c, lb. \$2.00.

**May's Long "Keeper"** The grandest and best type of late cabbage ever produced. Tested with other late sorts it has surpassed them all in keeping qualities and in handsome appearance. We believe it is a fit companion for Hollander, that famous variety which is attracting so much attention in the gardening world. It grows to a large size, is very solid and rather flat in shape. A splendid shipper and just the variety for gardeners who want a long keeping, fine appearing cabbage that will sell at sight and remain in fine condition for months. Pkt. 5c, oz. 20c, 1-4 lb. 65c, lb. \$2.25.

**Louisville Drumhead.** An excellent market cabbage. Valuable for medium or late use. This is one of the most popular intermediate or second early varieties that has ever been introduced. For over forty years it has been grown by leading market gardeners around Cincinnati and Louisville, where it is considered the very best for that section of the country. The heads are large, solid and uniform in size and a dark bluish green in color. Keeping qualities are excellent. Our seed is carefully selected. Pkt. 5c, oz. 15c, 1-4 lb. 50c, lb. \$1.75.

## CUCUMBERS

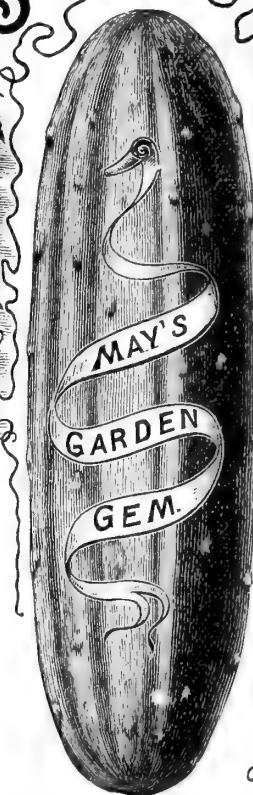


SOW MAYS  
NORTHERN  
GROWN SEEDS.

## CUCUMBERS.

GERMAN—Curfe.  
FRENCH—Concombre.

SWEDISH—Gurka.  
SPANISH—Cohombro.



One ounce to 50 hills. Two to three pounds in hills to the acre.

**CULTURE**—Cucumbers need a warm sandy soil, and should not be planted in open ground until the weather is settled and warm, as they will not thrive until the ground is thoroughly warmed. Sprinkle the young plants with fine ashes, plaster or air-slacked lime to protect them from bugs. Plant a dozen seeds to a hill, covering half an inch deep. After the plants are started, pull all but three or four of the strongest. The middle of June is early enough to plant for pickling. Make the hills about six feet apart. For early cucumbers the hotbed is necessary, but the simplest and surest way to produce a tolerable early crop of the best kind is, where it is designed to place a hill, dig a hole about eighteen inches deep and three feet across; into this put a barrow of fresh manure and cover with a small box-like frame, on the top of which place a couple of lights of glass. When the plants grow keep the earth drawn up to the stems. Water and give air. As fast as the cucumbers attain a suitable size, they should be taken from the vine, whether required for use or not, as their ripening soon destroys the vine's fruitfulness.

Prices quoted on this page include the prepayment of postage by us. If wanted by express or freight, deduct 10 cents per pound.

One ounce will plant 50 hills. Two to 3 pounds will plant one acre.

✓ **Arlington White Spine.** The trucker's favorite. Very early; color deep green. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 50c.

✓ **Boston Pickling.** Extensively used for pickling purposes. Color bright green. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 50c.

✓ **Early Cluster.** A vigorous growing variety usually producing the bulk of the crop near the root and in clusters. Excellent for pickling purposes. Fruit short, dark green. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 50c.

✓ **Chicago or Westerfield Pickling.** The fruit is of medium length, color bright green. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 50c.

✓ **Cumberland New Pickle.** See back cover and list of specialties.

✓ **Cool and Crisp.** At the pickling stage they are straight, long, even and slim, of a dark green color. While it is one of the best pickling varieties, it is also excellent for slicing, being of good size and exceedingly tender and crisp. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 65c.

✓ **Emerald.** Makes excellent pickles. Color dark green. Pkt. 5c, oz. 10c, 1-4 lb. 25c, lb. 75c.

✓ **Early Prize.** (See Cut.) The greatest forcing cucumber ever offered. Extra early, a prolific bearer, of splendid shape and quality. That's exactly the description given by one who has grown it for the early markets, and it certainly needs no further testimony, as that includes about all the valuable points of an extra early forcing variety. It is a most excellent sort for either pickling or table use, and its earliness at once recommends it to all who wish an early cucumber. Give it a trial, it is certain to please you. Pkt. 10c, oz. 15c, 1-4 lb. 35c, lb. 90c.

✓ **Early Frame.** Fruit medium size, fine for table use. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 50c.

✓ **Green Prolific.** One of the best for pickling. Color dark green. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 50c.

✓ **Giant Pera.** The cucumbers are long, smooth and of a beautiful green color. Unlike most sorts, they are fit to eat at any stage. The flesh is white, clear, crisp, tender and brittle—often measuring over 20 inches in length. Pkt. 10c, oz. 15c, 1-4 lb. 30c, lb. 75c.

✓ **Japanese Climbing.** See list of specialties.

✓ **Jersey Pickling.** A long, slender sort; fine for pickling. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 50c.

✓ **Livingston's Evergreen.** Very early and prolific at all stages of growth. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 50c.

✓ **Long Green Improved.** A favorite variety for pickles. Long and crisp. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 50c.

✓ **Long Green Turkey.** A long variety and very slim. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 50c

✓ **May's Favorite Pickling.** (See Cut.) One of the best cucumbers for pickling purposes. For years we experimented with all the varieties of different cucumbers recommended for pickling purposes, testing them by the side of our "Favorite," but found none that equaled it either in yield or quality. In form it is solid, and rather thick, flesh is crisp and exceedingly tender, although very firm. Pkt. 10c, oz. 15c, 1-4 lb. 35c, lb. \$1.00.

✓ **May's Garden Gem.** (See cut.) The best cucumber for slicing. It surpasses all other sorts for beauty, flavor and shape, being quite long, thick through, of fine flesh and few seeds. For general crop it is one of the most desirable sorts that can be secured. Private and market gardeners will do well to obtain a supply of the seed this season, and we earnestly urge all our friends who have a kitchen garden to give it a place in their garden patch. Pkt. 10c, oz. 20c, 1-4 lb. 40c, lb. \$1.00.

✓ **Medium Green.** Grown for slicing or pickles. Rich green color, tender and crisp. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 50c.

✓ **May's Peerless.** The gardener's favorite. It is early, fine quality and an enormous cropper, in fact everything that goes to make a good cucumber. Pkt. 10c, oz. 20c, 1-4 lb. 35c, lb. \$1.00.

✓ **Early Russian.** An extra early short variety, valuable for pickles. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 50c.

✓ **Early Short Green.** Good for pickling. Fruit brittle green; very productive. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 50c.

✓ **Tailby's Hybrid.** In size it is larger than the White Spine, often growing to the length of 12 inches. Heavy cropper. Pkt. 5c, oz. 10c, 1-4 lb. 15c, lb. 50c.

✓ **Everbearing.** Small sized, very early and productive. Pkt. 5c, oz. 10c, 1-4 lb. 20, lb. 50c.

✓ **White Pearl.** For description See list of specialties.

✓ **White Spine Improved.** Very uniform in size, very productive, crisp and fine flavor. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 50c.

✓ **White Spine Extra Long.** A fine, large and well shaped sort a little later than the above. Pkt. 5c, oz. 10c, 1-4 lb. 15c, lb. 50c.

✓ **West India Gherkins.** Small, oval shaped; grown extensively for pickles. Pkt. 5c, oz. 10c, 1-4 lb. 25c, lb. 90c.

✓ **White Wonder.** For description see list of specialties.



SNOW STORM.

**Algiers.** One of the best varieties. Largely grown for fall use, producing large, fine heads. Popular with market gardeners. Pkt. 10c, oz. \$1.50.

**Autumn Giant.** (See cut.) A distinct and valuable late variety. The heads are very large, white, firm, and compact, and being well protected by foliage, remain a long time fit for use. The plants should be started and transplanted early in the season to insure their full development. Pkt. 5c, 75c.

**Extra Early Danish.** The Earliest Sure Heading Cauliflower ever offered. A variety no gardener can afford to be without. We offer this year the finest strain of a Sure Heading Early Cauliflower that has ever been introduced to the gardeners of America, and we challenge anyone to produce a variety that will surpass it in habit of growth, earliness or certainty of heading. It may truly be called the "Surehead Cauliflower" as we learn it heads up under the most adverse circumstance when other varieties fail entirely. As may be seen by the name it is a European variety and we have procured our seed direct from one of the largest and most reliable growers in that part of the world where Cauliflower reaches the highest state of perfection. It is of dwarf, compact habit and valuable for either forcing or open ground, the heads are of good size and a beautiful snowy white. We have paid high price for our seed and believe it is worth all we ask for it. Pkt. 25c, 5 pks. \$1.00, 1-2 oz. \$2.00, oz. \$3.50.

**Extra Early Erfurt Selected.** (See cut.) Plants very dwarf, with solid pure white heads of superior quality. Planted in rich soil early in the spring heads eight to ten inches in diameter can be marketed in June. Pkt. 20c, 1-2 oz. \$2.00, oz. \$3.50.

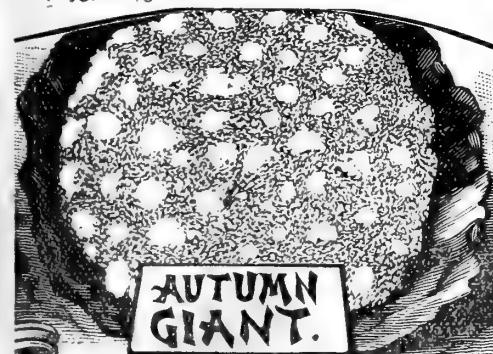
**Early Dwarf Erfurt.** An early market variety, very productive, forming white compact heads of good quality. Pkt. 10c, 1-2 oz. \$1.00, oz. \$1.50.

**Early London.** A standard early variety very tender, heads compact, solid and of delicious flavor. Pkt. 5c, 1-2 40c, oz. 75c.

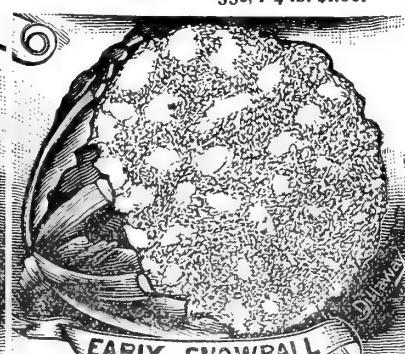
**Le Normands Short Stem.** One of the finest late varieties grown; heads large, white, well formed and compact, of excellent quality. Very hardy. Pkt. 10c, 1-2 oz. 60c, oz. \$1.00.

**Extra Early Paris.** Heads large, white, compact, solid, tender and delicious; a favorite for general early crop. Pkt. 10c, 1-2 oz. 50c, oz. 80c.

**Early Snowball.** (See cut.) (Selected Stock.) More extensively grown than any other sort, both for forcing or wintering over for early crop. Also for late summer and fall crop. The plants are compact, heads solid, round, pure white. Many of the leading market gardeners in this section claim it is by far the best variety for marketing owing to the fact that it may be planted very close together and thus save a large amount of ground space. We offer a carefully selected strain of this variety. Pkt. 20c, 1-2 oz. \$1.75, oz. \$3.00.



AUTUMN GIANT.



EARLY SNOWBALL.

## CAULIFLOWER.

GERMAN—Blumen-Kohl. FRENCH—Choufleur.  
SWEDISH—Blomkål. SPANISH—Coliflor.  
1 oz. will produce 1,000 plants.

The Cauliflower is but little grown except by professional gardeners. It is certain that any one follow in the directions given below may be reasonably certain of success in the culture of this delicious vegetable.

**CULTURE.**—For spring and summer sow in late February, March or early April, in hotbeds, transplanting to cold frame when of a sufficient size, then to the open ground when frost is over, though a light frost will not hurt them. The soil should be richer than for Cabbage. Persian insect powder will keep free from worms. Sow and treat as for cabbage. By giving a liberal supply of water and planting to mature in early summer or late fall, the heads will be much improved. It is also well to cover the heads with the leaves to insure their whiteness. Cut while the curd is hard, to keep from being bitter. The seeds can be sown in September the same as cabbage and wintered over in the same manner.

**Snow Storm.** (See cut.) We have given this variety much care and attention, and the uniformaly good results received from those growing the snow storm prove that this is the earliest, and best cauliflower in the market, both for forcing or growing in the open ground. It is of dwarf habit with stout outer leaves, and can be planted close, 2 feet apart each way. Never fails to make fine large snow white heads much earlier than any other variety. Pkt. 1-2 oz. \$2.00, oz. \$3.50.

**Chicory.** GERMAN—Cigorien. Extensively used to adult FRENCH—Chicoree. erate coffee, and as a substitute for it. The culture is the same as for carrots. Dig at about the same time as carrots, wash, slice and dry by artificial heat. The blanched leaves are used by some for salad.

**Large Rooted or Coffee.** The best kind. Pkt. 5c, oz. 10c, 1-4 lb. 25c.

**CORN SALAD.** GERMAN—Stecksalat. SPANISH—Machae Valerianilla. FRENCH—Mache.

**CULTURE.**—A vegetable used as a salad. It is sown on the first opening of spring in rows one foot apart, and is fit for use in six or eight weeks from the time of sowing. If wanted for use early in the spring, it is sown in September, covered with straw or hay as soon as cold weather sets in, and is wintered over exactly as spinach.

**Large Seeded.** Broad leaved. Pkt. 5c, oz. 10c, 1-4 lb. 20c, 1b. 60c.

**Small Seeded.** Pkt. 5c, oz. 10c, 1-4 lb. 20c, 1b. 60c.

GERMAN—Blatterkohl. FRENCH—Chou Cabu.

**COLLARDS.** SPANISH—Cabu.

**True Southern or Creole.** This is the variety so extensively used in the South, where it furnishes an abundance of food for both man and beast. Forms a large, loose, open head or a mass of leaves on a tall stem. Freezing improves their quality. Sow thick in drills, in rich ground, transplanting when four inches high, and thin to two or three feet apart in the row, when proper size. Pkt. 5c, oz. 10c, 1-4 lb. 22, 1b. 80c.

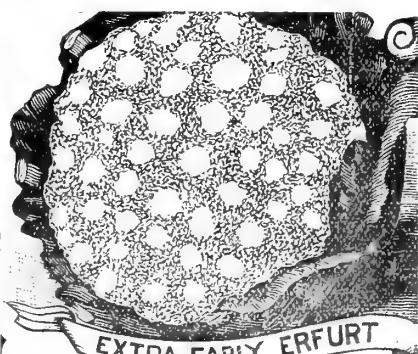
**Georgia.** Pkt. 5c, oz. 10c, 1-4 lb. 25c, 1b. 75c.

GERMAN—Kresse. FRENCH—Cresson.

A well-known pungent salad. Requires to be sown thickly and covered very slightly, at frequent intervals, to keep up a succession, as it soon runs to seed.

**Curled.** Extensively used as a small salad; the leaves while young have a warm pungent taste. Sow rather thick in shallow drills, and at short intervals during the season. Pkt. 5c, 10c, 1-4 lb. 20c, 1b. 60c.

**Water Cress.** This is a well-known hardy perennial aquatic plant sold in immense quantities in our markets in the spring. It is easily grown by planting along margins of ponds and streams, where it increases both by spreading of the roots and by seeding. It has a particularly pleasant pungent taste. Pkt. 10c, oz. 35c, 1-4 lb. \$1.00.



EXTRA EARLY ERFURT.

GERMAN—Sellerie.  
SWEDISH—Selleri.

## SOME CHOICE CELERIES.

FRENCH—Celeri.  
SPANISH—Apis.

1 ounce will produce 3,000 plants.

**CULTURE**—Sow this slowly germinating seed in a shallow box or in straight rows in a finely prepared bed. See that the seeds are kept almost wet and only lightly covered until they germinate. Thin and transplant when about two inches high, so that when about 4 inches high the tops may be cut off, the plants standing about three inches apart. By cutting it makes the plants grow stocky. A good soil and plenty of water are essential to success. Set out about the middle of June or July, but good plants may be had by setting out as late as August. In setting, prepare broad shallow trenches about 6 inches deep and 4 feet apart, in which the plants should be set 6 inches apart, cutting off the outer leaves and pressing the soil firmly about the roots. Earth up a little during the summer, keeping the leaf stocks near together, so that the soil cannot get between them. Finish earthing up in the autumn, and never hoe or earth up in moist weather, or when the plants are moistened with dew. To preserve celery for winter, dig trenches a foot in width and as deep as the top of the plants. Stand the celery in these, erect as they grew, with what dirt adheres to the roots, packing closely, but not crowding. After the trench is filled it should be covered with straw or leaves as a protection from the frost. Do not cover until the weather becomes quite cold, and then only a little at a time as the cold becomes greater. Celery will bear a good deal of frost. The trench must have good drainage.

### American White Solid.

The best of the large growing sorts. Grows to a height, under good cultivation, of three feet. It is remarkably tender and keeps the rich flavor longer than any other variety. Pkt. 5c, oz. 15c, 1-4 lb. 40c, lb. \$1.40.

### Boston Market.

1-4 lb. 40c, lb. \$1.40.

### Crawford's Half Dwarf.

An excellent late variety. Plants of strong, stocky growth, with quite large, solid stalks blanching to a yellowish white, with rich nutty flavor. Pkt. 5c, oz. 15c, 1-4 lb. 40c, lb. \$1.40.

Don't fail to try Golden Self blanching Celery. The King of Celeries.

### Evans' Triumph

(See cut.)

One of the best late sorts. Of excellent quality and one of the best keepers, remaining in good condition much longer than most sorts. The stalks are very large, solid, of finest texture and quality, crisp and tender and real nut like flavor. Pkt. 10c, oz. 25c, 1-4 lb. 75c, lb. \$2.50.

### Giant Pascal or Winter King.

The leading celery for winter use. The stalks are remarkably large, thick, solid and entirely stringless. It is a very vigorous grower; the heart is a rich, bright yellow, even without blanching. It blanches very easily, requiring only 5 to 6 days earthing up, when the outer stalks present a beautiful clear white appearance. Pkt. 10c, oz. 15c, 1-4 lb. 45c, lb. \$1.50.

**Golden Heart.** A very popular and distinct variety of dwarf, sturdy habit. A most valuable sort for the home garden. Pkt. 5c, oz. 15c, 1-4 lb. 45c, lb. \$1.50.

**Henderson's Half Dwarf.** A leading market variety of medium growth, fine quality and a good keeper. Pkt. 5c, oz. 15c, 1-4 lb. 40c, lb. \$1.40.

**Hartwell's Perfection.** An excellent large growing variety of creamy white color. One of the finest market sorts and a good keeper. Pkt. 5c, oz. 15c, 1-4 lb. 40c, lb. \$1.40.

**Golden Self Blanching.** (See cut.)

This variety, first introduced in America by us, is now the leading variety in all markets as an early celery. The stalks are much broader and heavier than those of the White Plume, and greatly superior in quality. It is ready for use nearly as early, producing dwarf and much larger bunches of broad, heavy stalks, blanching to a deep golden yellow. Plants are of dwarf, compact habit, with very thick, solid, heavily ribbed stalks. When grown in rich, moist soil the large stocks are very numerous, each plant being fully as thick through as the largest of the tall late sorts, with a very large, solid heart, and beautiful golden yellow stalks and leaves. When quickly grown the stalks are crisp and solid, brittle and free from any stringiness, of most delicious flavor. Our seed is of the original strain grown from carefully selected plants, so that purchasers may be sure of receiving the genuine strain. Pkt. 10c, oz. 30c, 1-4 lb. \$1.00, lb. \$3.00.

### CELERIAC.

**CULTURE**—Sow same as celery. Transplant in rows two feet apart and nine inches in the row. Thorough cultivation is necessary to secure good roots. The roots may be cooked or used as a salad.

**Apple.** Has small foliage and globular roots; fair size. Pkt. 5c, oz. 20c, 1-4 lb. 50c.

**Large Erfurt.** The root, which is turnip shaped, is cooked or sliced and used with vinegar; more hardy than celery.



CELERIAC.

Pkt. 5c, oz. 20c, 1-4 lb. 50c.



GOLDEN SELF BLANCHING.

51.50.

New

### Rose.

A first class celery. The color is a beautiful shade of rose, of exceptionally fine flavor, solid, crisp and entirely free from stringiness. It is a strong, healthy, compact grower, with no tendency to cast. Extra early and a long keeper, remaining so when properly trenched, keeping in fine condition away into the spring. It is a self blanching sort—that is, it requires but a slight earthing up or banking to prepare this variety for the table. Pkt. 10c, oz. 20c, 1-4 lb. 60c, lb. \$2.00.

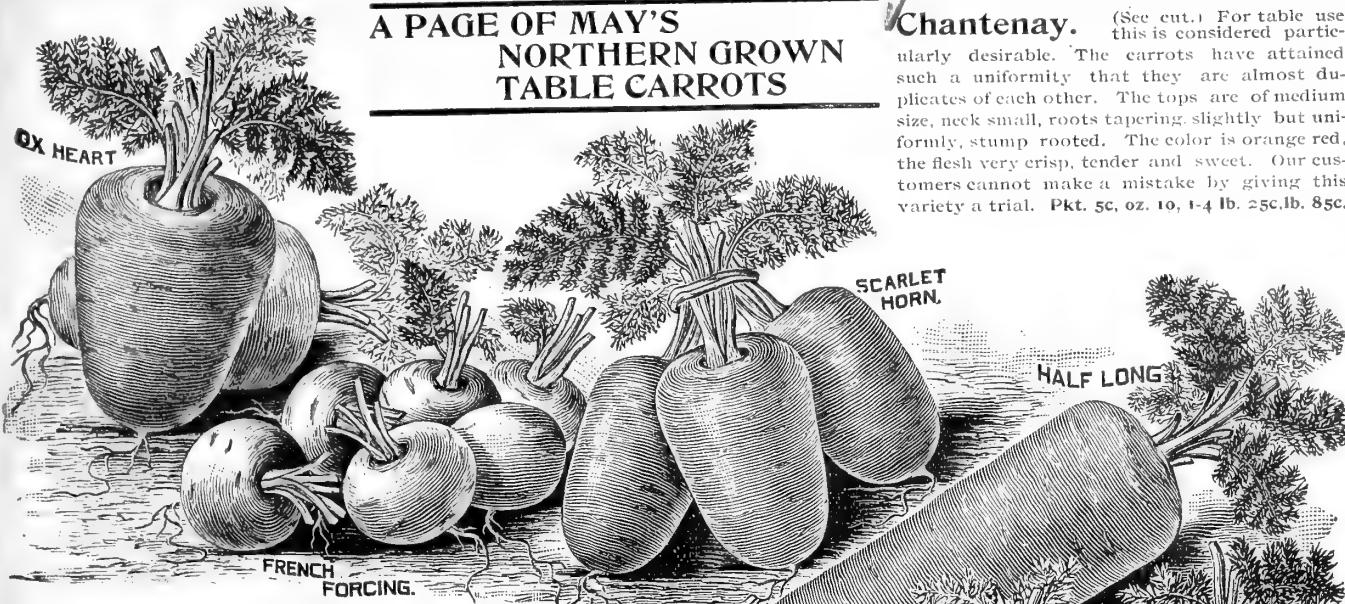
### FROM A CELERY GROWER

I have been raising White Plume for seven years and have never seen any to equal yours in color, height, and blanches easily. It cannot be excelled.

EVANS' TRIUMPH.



## A PAGE OF MAY'S NORTHERN GROWN TABLE CARROTS



GERMAN—Mohren. FRENCH—CAROTTte  
SWEDISH—Morötter. SPANISH—Zanahoria.  
Prices quoted include prepayment by mail. If  
wanted by express deduct 10c per pound.

The Carrot is one of the most nutritious and  
healthful of roots and ought to be more generally used for the  
table as well as for stock feeding purposes. We ask our readers  
to give them a trial. Any good rich garden soil that is deeply  
worked will raise Carrots.

**CULTURE**—When it is possible to do so, it is advisable to  
sow as early in the spring as the ground is fit to work, though  
good crops may, in this latitude, be grown from sowings as late  
as June 1st, but one is less certain of good crops from such late  
planting. Prepare the ground thoroughly and sow in drills 18  
to 24 inches apart, using from one and one-half to three pounds  
to the acre, according to the distance between rows. Cover  
one-half to one inch deep and see to it that the soil is well firmed  
above the seed. As soon as the plants appear, use the cultivator  
or wheel hoe and do not let the weeds get a start. Thin to  
three to six inches apart in the row as soon as the plants are  
large enough. For winter use gather and store like beets or  
turnips. One ounce will sow a row 100 feet long.

**Half Long Danvers.** (See cut.) Improved stock.  
One of the most productive for field culture. Largely grown in all sections on account of  
its enormous yield, and adaptability to all kinds of soil. Tops  
medium, roots dark orange color, of medium length, tapering abruptly at the  
point, very uniform and handsome, flesh deep orange. Pkt. 5c, oz. 10c, 1-4  
lb. 25c, lb. 85c.

**Guerande or Oxheart.** (See cut.) A desirable variety on soil  
too hard and stiff for the longer  
growing sorts. The tops are very small for the size of the root which are com-  
paratively short but often attain a diameter of six inches. Flesh bright orange,  
solid, fine grained and of a sweet flavor. Can be very easily pulled. Pkt. 5c,  
oz. 10c, 1-4 lb. 25c, lb. 85c.

**Half Long Stump Root Nantes.** Skin very smooth.  
cylindrical, bright orange flesh becoming yellow in centre, having little or no  
core. Excellent for the market or home garden. Pkt. 5c, oz. 10c, 1-4 lb. 25c,  
lb. 85c.

**James Intermediate.** (See Cut) The roots grow very regular in  
form are smooth, solid, and usually measure  
10 inch in length. Considered valuable, for its great yield and the fine quality of the flesh. Pkt. 5c,  
oz. 10c, 1-4 lb. 25c, lb. 85c.

**Long Orange.** (See cut.) The most popular of the older sorts, for market or home garden. The roots are long, thickest near the crown, tapering regularly to  
the point. Color deep orange; yields heavily. Pkt. 5c,  
oz. 10c, 1-4 lb. 25c, lb. 75c

**French Forcing.** (See cut.) Extensively  
grown for preing purposes.  
It forms a small, almost globe shaped root; color orange,  
fine grained and of splendid quality. Pkt. 5c, oz. 10c,  
1-4 lb. 30c, lb. 90c.

**Early Scarlet Horn Forcing.** (See cut.) Extra  
early; tops small; roots deep orange color. Ready for  
market in 40 days. Pkt. 5c, oz. 10c, 1-4 lb. 25c, lb. 85c.

**Table Queen.** (See cut.) Undoubtedly the finest Carrot for general use that has been introduced.  
As will be seen by our illustration it is rather long, coming abruptly  
to a point and has almost no side shoots. In color it is a rich shade of orange and the flesh is solid,  
yellow and with no core. It is free from the coarse, rank flavor found in most of the varieties of its size.  
For home use we cannot too highly recommend it to our patrons, and we know that for amateurs it is unequalled by any other variety. We introduced this several years ago and each season convinces that it  
is to become one of the leading varieties for private gardens. Pkt. 10c, oz. 15c, 1-4 lb. 35c, lb. \$1.00.

GERMAN—Korbel.  
SWEDISH—Kyrvel.

**Curled.**

Greatly superior to the old plain variety, being earlier, more handsome, and having fully  
as fine perfume and flavor. Pkt. 5c, oz. 10c, 1-4 lb. 35c, lb. \$1.25.

**Chantenay.** (See cut.) For table use  
this is considered particularly desirable. The carrots have attained  
such a uniformity that they are almost duplicates of each other. The tops are of medium  
size, neck small, roots tapering slightly but uniformly, stump rooted. The color is orange red,  
the flesh very crisp, tender and sweet. Our customers cannot make a mistake by giving this  
variety a trial. Pkt. 5c, oz. 10c, 1-4 lb. 25c, lb. 85c.



For complete list of stock  
feeding carrots. See page 47.

## CHERVIL.

FRENCH—Cherfeuil.  
SPANISH—Perifollo.

GERM N—Welchkorn  
SWEDISH—Socker Majs

## MAY'S NORTHERN GROWN SWEET CORN.

PLANT ONE QUART TO 200 HILLS, 8 TO 10 QUARTS TO THE ACRE IN HILLS.

FRENCH—Mais  
SPANISH—Maiz

**CULTURE**—This requires a good soil and a warm situation. Commence for first early by planting the early varieties about May 1, and, if a continuous supply is wanted all summer, make plantings about two weeks apart from May 1 until the last of July; first planting early varieties, then later ones. Plant in rows three feet apart, and make the hills about the same distance apart in the rows. Five kernels in the hill are plenty. Cover about 1 inch deep for early, and a little deeper for late. Thin to three plants in a hill. Give frequent and thorough but shallow cultivation until the tassels appear.

Prices quoted on Sweet Corn by the packet, pint or quart include the prepayment of postage. If wanted by express or freight deduct 5 cents per pint, 10 cents per quart. By express or freight means that purchaser pays transportation charges.

### EXTRA EARLY VARIETIES.

**Adam's Extra Early.** This is not a true sweet corn, but produces ears well filled with tender, white grains. The ear is protected with a heavy husk, making it very hardy; stalks short, with very few suckers.

Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.00, bu. \$3.25.

**Cory White Cob.** Resembles the early Cory, being much more preferred on account of its white cobs. It ripens very early, and is of excellent quality. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.00, bu. \$3.25.

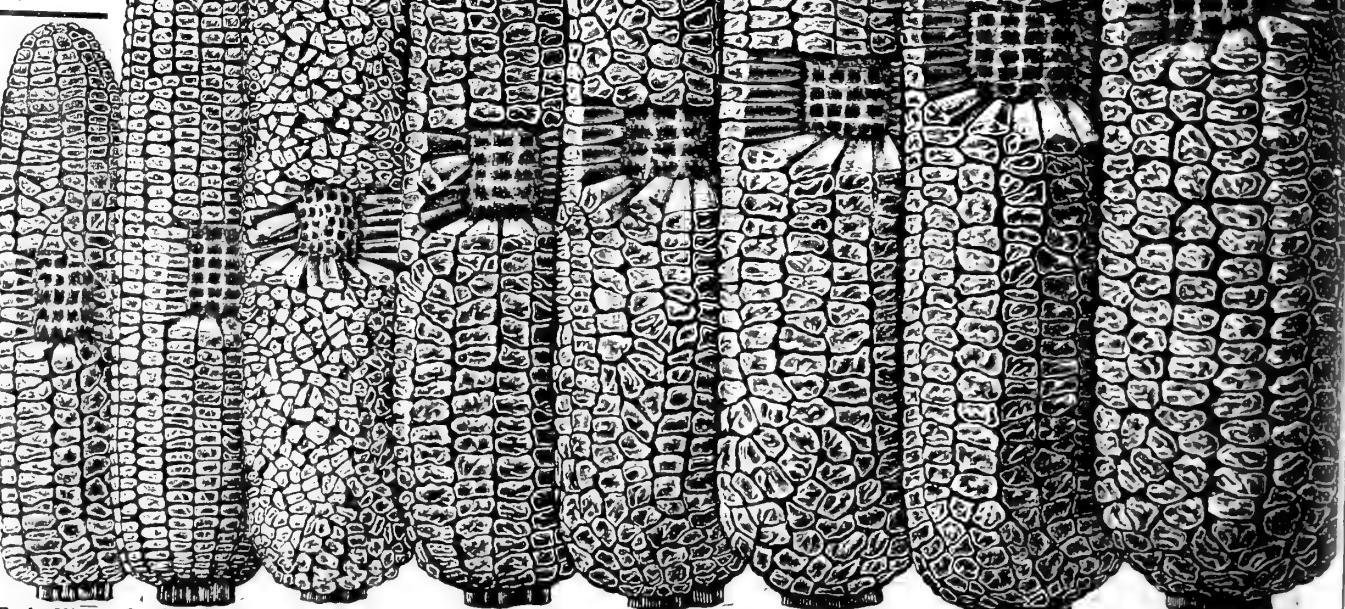
**Crosby's Early.** (See cut.) A most excellent variety, very early and of the best flavor. Ears of medium size, twelve rowed or more, with short, nearly square grains, which are tender and sweet. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.00, bu. \$3.25.

**Extra Early Cory.** One of the earliest; the stalks are dwarf in growth, but strong and hardy; ears set low down; generally bearing from two to three good ears to the stalk. Very productive and of excellent quality. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.00, bu. \$3.25.

**Early Windsor.** (See cut.) The earliest of all sugar corns. that can be grown. Extra Early. Testimonials from growers in all parts of America convince us that we now have the earliest, finest flavored and most productive sweet corn that has ever been produced. It is remarkable for its fine appearance so early in the season, and while the ears are not quite so large as the late sorts, they are always well filled and the kernel is of the best quality. From actual tests in a fair season, good ears for boiling can be grown in fifty days from planting of seed. This is a record which we think is unequalled by any other corn. We have never seen anything that can equal Early Windsor, either for private gardens or for the largest gardeners, who make a specialty of supplying the early markets. We certainly recommend it very highly, for we feel it will please every one of our customers who tries it.

Pkt. 10c, pt. 25c, qt. 45c, pk. \$1.00, bu. \$3.50.

Please remember our prices on corn include prepayment of postage by us.



Early Minn. Crosby's Early.

Shoe Peg.

Perry's Hybrid.

Egyptian.

Early Sheffield.

Mam. White Cory.

Early Mammoth.

**Early Sheffield Sweet Corn.** (See cut.) One of the earliest Sweet Corns. Can be planted very early in spring, the plants being very hardy, and can withstand light frosts. The stalks are very strong and vigorous, growing about 5 feet in height; the leaves are numerous; the ears are quite large, of handsome appearance, and one or two on each stalk. The grains are of medium size and of remarkably good quality for so early a sort. The great merit of this variety lies in the fact it does not smut. The early Sheffield is certainly, owing to the many good qualities it possesses, one of the most desirable sorts for early trucking. Pkt. 10c, pt. 25c, qt. 45c, pk. \$1.00, bu. \$3.25.

**Marblehead.** A comparatively early corn, ripening about a week later than the Early Cory. It is of dwarf habit and the ears are borne quite low on the stalks. Tests prove that good sized ears may be had ready for marketing in 55 days from planting of seed. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.00 \$3.25.

**Mammoth White Cory.** (See cut.) The largest and best extra early sweet corn. The stalks are no larger than those of the Cory, and mature their ears fully as early, but the ears are 12 instead of 8 rowed, very much larger and quite free from the open space between the rows, which is such an objectionable feature of the old Cory. The grain is very white, the quality is good, and the size and beauty of the ears give this variety ready sale even if the market is glutted with other sorts. Pkt. 10c, pt. 25c, qt. 45c, pk. \$1.00, bu. \$3.50.

**Minnesota Early.** (See cut.) Plants dwarf, ears short, but fine and of excellent quality. Pkt. 5c, pt. 20c, qt. 35c, pk. 85c, bu. \$3.00.

**SUGAR CORN FOR FODDER. SEE PAGE 54.**

**SWEET CORN. MEDIUM EARLY SORTS.**

**Black Mexican.** One of the most sugary and delicious of all. Grains white at first, but soon coloring. None better for table use. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.00, bu. \$3.25.

**Early Adams.** This is an early variety of pure white field corn, which is highly esteemed in the southern states, where it furnishes the earliest supply of boiling and roasting ears for the table, as the extra early sweet corn of the north seldom produces good ears in the far south. This is quite hardy and can be planted early in spring when the trees are starting out in leaf. The stalks grow six to seven feet in height, large and stony, bearing from one to two large ears, which are well filled with fine white grain that is of excellent quality. Comes in ten days later than the Extra Early Adams, from which it is entirely distinct in growth and size of ear. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.00, bu. \$3.25.

**Early Evergreen Sweet Corn.** One of the very best Sugar Corns in existence, possessing every good quality of Stowell's Evergreen, except that the stalk is about one foot shorter, and that it will mature in 80 days, or fully 10 days earlier. The ears are like Stowell's, very large, with about 18 rows of very large grains. There is no better corn than the Early Evergreen for the market gardener.

Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.00, bu. \$3.25.

**Early Mammoth Sugar.** (See cut.) An early variety producing the largest ears of any sweet corn. One ear has been known to weigh three pounds. Sweet, tender and delicious; one of the most valuable early sorts. Pkt. 5c, pt. 25c, qt. 45c, pk., \$1.00 bu. \$3.25.

**Hickox Improved.** Valuable for canning. The ears are twelve rowed, long, and extremely fine looking. kernels large and flat. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.00, bu. \$3.25.

**June Market.** (See cut.) Just the variety for gardeners who grow for the early market. It ripens early, usually within eight weeks from the time the seed is planted, and makes fair sized ears that cook tender and white. June market is one of the hardest sorts we have ever seen, and will stand quite cold weather without any check, even after it is well up out of the ground. Pkt. 10c, pt. 25c, qt. 45c, pk. \$1.00, bu. \$3.50.

**Moores Early Concord.** Popular for second early use. The large, handsome ears are borne very low on the stalk; and the quality of the large kernels is unsurpassed. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.00, bu. \$3.25.

**May's Acme.** A valuable sort for market men. Ears large, generally 12 rowed and 8 to 10 inches long; it will produce more bushels of ears to the acre than any other variety. Pkt. 10c, pt. 25c, qt. 45c, pk. \$1.00.

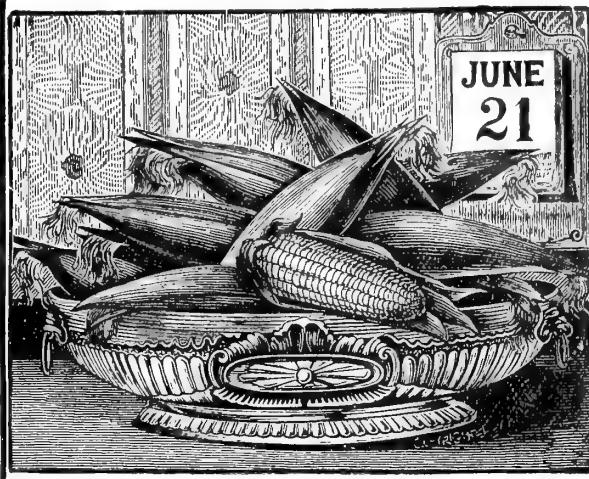
**Ne Plus Ultra or Shoe Peg.** (See cut.) Very desirable for family use, bearing frequently 3 to 4 ears on a stalk; very sweet and tender. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.00, bu. \$3.25.

**Old Colony.** A good second early sort of strong growth. Stalks about 6 feet in height, bearing two good ears from 8 to 10 inches in length, with 12 or more rows of handsome white grains of excellent quality. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.00, bu. \$3.25.

**Perry's Hybrid.** A large, early variety. Ripens about the same time as Early Minnesota. Ears of a large size, usually contain about 12 to 14 rows of kernels well filled to the end; the kernels are large, sweet, tender and pure white; cob red. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.00, bu. \$3.25.

**Shaker's Early.** A popular market sort. The kernels are large, nearly white and of a fine flavor, ripens about the same time as Early Minnesota, but the ears are much larger. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.00, bu. \$3.25.

**Wisconsin Beauty.** A mammoth early, heavy yielding corn, of the finest flavor. In ordinary seasons it is usually ready for the table in about nine weeks from the time of planting. Cob small, kernel large, deep and of a snow white color. For extra early planting Early Windsor, and for second Early Wisconsin Beauty; this will give you two first class sorts, that can be had for private or market use. Pkt. 10c, pt. 25c, qt. 45c, pk. \$1.00 bu. \$3.50.



JUNE MARKET.

**SWEET CORN. LATE VARIETIES.**

**Country Gentleman.** The most delicious of all sweet corns and also one of the most productive sorts. The ears are of good size, with a small cob and very clear, deep white kernels, tender and sweet, many of the stalks bearing three to four ears.

Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.00, bu. \$3.25.

**Egyptian.** Ears large and of superior quality. Grown extensively for market and canning purposes. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.00, bu. \$3.25.

**Mammoth Late.** Extra large ears usually 14 to 18 rowed; cob white and well filled, deep kernels of good quality. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.00, bu. \$3.25.

**Stowell's Evergreen Selected.** The popular variety for general use. It is very tender, sugary and remains green a long time; a heavy yielder. Pkt. 5c, pt. 20c, qt. 35c, pk. 85c, bu. \$2.75.

**POP CORN.**

**Mapledale.** This is, without doubt, the most prolific pop corn that has ever been introduced. The average ear measures over six inches, and the grains are almost a pure white in color. It pops a clear white, and of the finest quality. The originator of this variety has counted as many as nineteen ears to a stalk, and it certainly is at the head of the list of pop corns. Pkt. 10c, pt. 25c, qt. 40c.

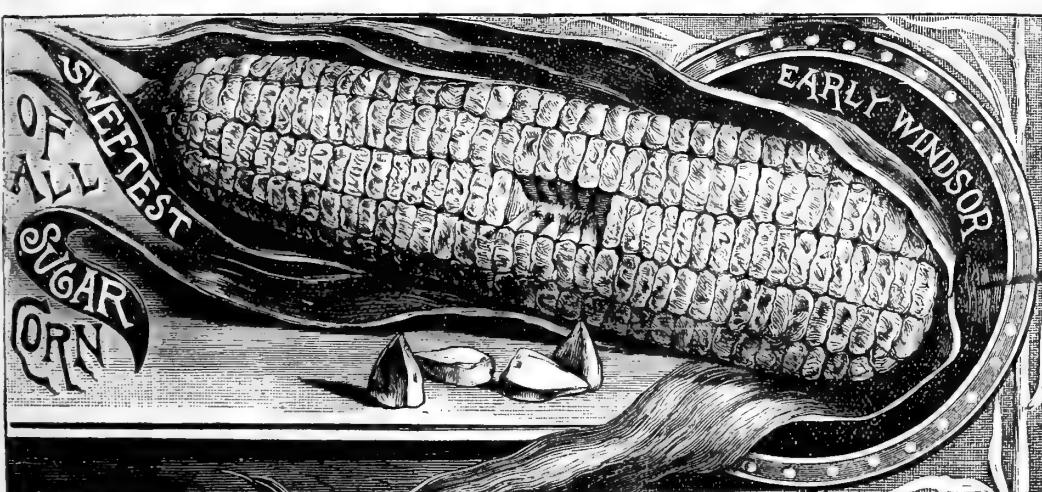
**White Pearl.** Smooth small grain. Ears four or five inches long, seven-eighths to one and one-eighth inches in diameter. Good for family use or market. Pkt. 5c, pt. 25c, qt. 40c.

**Rice.** A very productive variety. Ears short, kernels long and pointed. A splendid popping sort, and the most salable among the retail dealers. Pkt. 5c, pt. 20c, qt. 35c.

**New Striped.** Very distinct and showy, each ear having kernels of various shades and colors, red, purple and white. Quality the best and wonderfully good. Pkt. 10c, pt. 25c, qt. 45c.

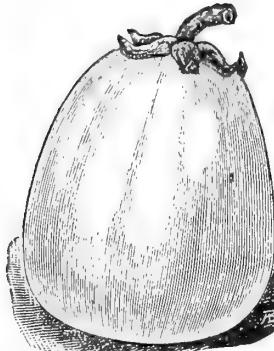
**Golden Queen.** Ears of large size, and the kernels pop to over an inch in diameter. Pkt. 10c, pt. 25c, qt. 45c.

**Red Beauty.** Similar in growth to rice, forming large, and well filled ears, averaging 5 to 6 inches in length; each ear is crowded with well filled kernels of a rich dark red coloring; pops finely when dried; of excellent qualities. Pkt. 10c, pt. 25c, qt. 45c.



TESTS PROVE THAT  
NORTHERN GROWN SEED  
CORN IS THE BEST.

GERMAN—Eierpflanze.  
SPANISH—Berengine.



WHITE PEARL EGG PLANT.

## EGG PLANT. FRENCH—Aubergine.

1 oz. for 1,000 plants.

CULTURE.—The Egg Plant will thrive well in any good garden soil; succeeds best in a deep, warm, rich soil, and full exposure to the sun. Sow in hotbed very early in the spring; transplant two and one-half feet apart each way after weather becomes settled and warm. If no hot-bed is at hand, plants may be started in pots or boxes.

**Black Pekin.** The fruit of this variety is jet black, fine grain and delicate flavor; very prolific and desirable for market gardeners. Pkt. 10c, oz. 30c, 1-4 lb. 85c, lb. \$3.00.

**Early Long Purple.** Much smaller than the New York Improved, very early and productive; fruit long, dark rich purple, good quality. Pkt. 5c, oz. 30c, 1-4 lb. 85c, lb. \$3.00.

**New White Pearl.** This variety introduced from Georgia is a distinct and decided novelty in this fruit. The fruit is very large, fine grained, of superior flavor. It is a pure creamy white with a slight tinge of green near the stem. We can highly recommend it and are confident when its merits become better known it will supersede the purple variety. Pkt. 10c, oz. 50c.

**New York Improved Spineless.** The best in cultivation; large, round, dark purple, and very productive; is the main sort used for both market and family use. Pkt. 10c, oz. 30c, 1-4 lb. 85c, lb. \$3.00.



ENDIVE.

GERMAN—Endiven.  
SWEDISH—Cikorie.

CULTURE—Sow in June, July and August. Cover lightly. When up thin out to 8 inches apart, and give a good watering afterward, if dry. When the leaves are six or eight inches long, blanch by gathering in the hand and tying together near the top with yarn or bast. This must be done when quite dry or they will rot. At the approach of winter take up carefully with a ball of earth to each plant, and place close together in frame or cellar for use.

**Broad Leaved Batavian.** Almost exclusively used in soups. Leaves broad, thick, plain or slightly wrinkled. Pkt. 5c, oz. 15c, 1-4 lb. 40c, lb. \$1.50.

**French Curled Moss.** Handsomely curled, fine quality, a desirable sort. Pkt. 5c, oz. 20c, 1-4 lb. 60c, lb. \$2.00.

**Green Curled.** Very hardy, with curled, dark green leaves. Pkt. 5c, oz. 15c, 1-4 lb. 40c, lb. \$1.25.

**White Curled.** Most desirable. Resembles the green curled, except in color. Should be used when young; tinted white. Pkt. 5c, oz. 15c, 1-4 lb. 40c, lb. \$1.50.

**GARLIC.** A bulbous rooted plant, with a strong, penetrating odor, but much esteemed by some for flavoring soups, stews, etc. Prepare the ground the same as for onions, and plant the bulbs in drills 8 inches apart, and 4 inches apart in the rows, and cover 2 inches deep. When the leaves turn yellow, take up the bulbs and dry in the shade, and lay them up in a dry loft as you would onions. Bulbs, 1-4 lb. 15c, lb. 40c.



KOHL RABI.

lb. 75c.

**Dwarf Green Curled Scotch.** This is the variety, usually sown in the fall for spring market. It is low growing with finely curled leaves of a deep green. The young leaves are very delicate and tender in flavor. Pkt. 5c, oz. 10c, 1-4 lb. 25c, lb. 75c.

**Tall Scotch.** (See cut.) Foliage deeply fringed, color rich green, grows about 30 inches high. Pkt. 5c, oz. 10, 1-4 lb. 25c, lb. 75c.

GERMAN—Kohl Rabi. FRENCH—Chou Rave. SPANISH—Col de nabo.

An intermediate vegetable between the Cabbage and Turnip. The stem above the ground swells into a bulb somewhat resembling a turnip. This again is crowned with leaves. The edible part is the bulb, which is dressed and served like turnips, and is very delicate and tender when young. It is very hardy, withstands severe drought, and is a good keeper.

CULTURE—Sow in spring in rows eighteen inches apart, afterwards thinning the plants to eight or ten inches. If the weather is suitable the thinnings may be planted, but it is considered difficult to transplant. Keep the weeds down, and when the thickened stems above the ground are two or three inches through they are fit to eat, and should be used at once, being tough when old.

**Early White Vienna.** Best early variety for table; highly esteemed by market gardeners. Pkt. 5c, oz. 20c, 1-4 lb. 50c.

**Early Purple.** Very similar to the last, except in color which is a bright purple. A desirable sort. Pkt. 5c, oz. 15c, 1-4 lb. 50c.



NEW YORK.

**Large Green.** A late variety that is largely grown for feeding stock. The bulbs often weigh seven or eight pounds each, and are of a whitish green color. Pkt. 5c, oz. 15c 1-4 lb. 50c.

**Large Purple.** An extra large variety, used extensively for feeding cattle and sheep in winter, and an excellent vegetable for the table before fully matured. Pkt. 5c, oz. 15c, 1-4 lb. 50c.

## SEEDS OF HERBS.

Anise	pkt. 5, oz. 20	Lavender	pkt. 5, oz. 40
Balm	pkt. 5, oz. 25	Marjoram Sweet	pkt. 5, oz. 20
Basil, Sweet	pkt. 5, oz. 20	Rosemary	pkt. 5, oz. 40
Borage	pkt. 5, oz. 20	Rue	pkt. 5, oz. 15
Caraway	pkt. 5, oz. 10	Sage Broad Leaf	pkt. 5, oz. 20
Coriander	pkt. 5, oz. 10	Saffron	pkt. 5, oz. 20
Dandelion	pkt. 5, oz. 40	Savory Summer	pkt. 5, oz. 15
Dill	pkt. 5, oz. 10	Thyme	pkt. 5, oz. 30
Fennell	pkt. 5, oz. 10	Tansy	pkt. 5, oz. 30
Horehound	pkt. 5, oz. 25	Wormwood	pkt. 5, oz. 25
Hyssop	pkt. 5, oz. 30		

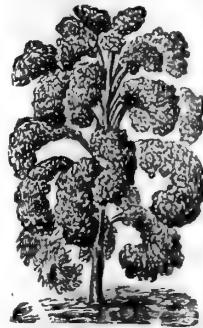
## LEEK.

GERMAN—Lauch. FRENCH—Poireau. SPANISH—Puerro.

CULTURE—The Leek is very hardy and easily cultivated. It succeeds best in a light but well enriched soil. Sow as early in spring as practicable, in drills one inch deep and one foot apart. When six or eight inches high they may be transplanted in rows ten inches apart each way, as deep as possible, that the neck, being covered, may be blanched. They belong to the onion family, and in some sections are preferred to that vegetable.

## American Broad Flag.

This variety is more largely used in this country than any other. Plants strong, with broad leaves, growing only on two sides. Pkt. 5c, oz. 15c, 1-4 lb. 40c, lb. \$1.25.



TALL SCOTCH KALE.

**Large Carentan.** A most excellent hardy variety. We recommend it as being of very superior quality. Grows to a large size and remains a long time in fine condition. Pkt. 5c, oz. 15c, 1-4 lb. 40c, lb. \$1.25.

## Musselburgh.

(See cut.) One of the oldest and best varieties in cultivation, hardy and fine for winter use. Pkt. 5c, oz. 15c, 1-4 lb. 40c, lb. \$1.25.

## London Flag.

A large variety twice the size of the ordinary leek and much handsomer; stems short, bulbs large of a very mild and agreeable flavor; extra hardy and a fine keeper. All who have grown it were astonished at its large size and fine white appearance. It is by far the best Leek that can be grown either for the market or home use. Pkt. 5c, oz. 15c, 1-4 lb. 40c, lb. \$1.25.

## Large Rouen.

The best for forcing, and grows to an immense size. Pkt. 5c, oz. 15c, 1-4 lb. 40c, lb. \$1.25.



MUSSELBURGH.

GERMAN—Lattich.  
SWEDISH—Salad.

The most used of all salads, is of easy culture, requires rich, moist soil, and clean cultivation, on which depend its appearance, tenderness and flavor. For early spring use, sow in a seed bed in September or October, and protect through the winter in cold frames, or in the South with leaves or litter, or sow in a hotbed in early spring; as soon as the ground can be well worked transplant in good, rich ground to rows 18 inches apart and 8 inches in the rows. For a later supply plant every two weeks from the middle of April until July, choosing varieties according to their heat resistance. Sow in drills 1-4 inch deep, 18 inches apart, and thin to 12 inches apart in the rows.

One ounce of seed makes 2,500 plants.

**All Cream.** (See cut.) Few, if any, of the varieties have had such an immense sale as our All Cream since its introduction, about three or four years ago. All Cream is a most desirable cabbage lettuce, but we do not consider it particularly valuable for forcing. It is certainly a grand variety, and for beauty of foliage, tenderness and delicacy of flavor it is unsurpassed. The heads are of good size, and the rich, creamy color of the leaves never fails to attract attention. It is a strong grower of superior quality and most beautiful appearance. The fact that it will keep crisp and tender for a long time is another valuable feature in this new lettuce. Pkt. 10c, oz. 15c, 1-4 lb. 40c, lb. \$1.25. Heads are of medium size and very compact. The leaves, which are of a dark green shade, are tender and crisp. A good plan in growing this variety is to make three or four sowings each a week or ten days apart, as it is certain to produce good plants for either early, medium or late use. Pkt. 5c, oz. 10c, 1-4 lb. 25c, 1-2 lb. 50c, lb. 80c.

**All the Year Round.**

Very distinct in appearance. The tips of the leaves are marked with a dark green shade, are tender and crisp. A good plan in growing this variety is to make three or four sowings each a week or ten days apart, as it is certain to produce good plants for either early, medium or late use. Pkt. 5c, oz. 10c, 1-4 lb. 25c, 1-2 lb. 50c, lb. 80c.

**American Gathering.**

a violet red color. The leaves are exceedingly tender and of the finest flavor. It may be sown at any time during the summer months and will produce fine plants even in the extreme heat of midsummer. Pkt. 5c, oz. 10c, 1-4 lb. 25c, 1-2 lb. 50c, lb. \$1.00.

**Big Boston.** One of the most valuable varieties, either for open ground or forcing in cold frames. The heads are extra large, solid and of the best quality. Market gardeners and truckers in all parts of the country are loud in their praise of this lettuce. Selected Seed, Pkt. 5c, oz. 10c, 1-4 lb. 30c, 1-2 lb. 50c, lb. \$1.00.

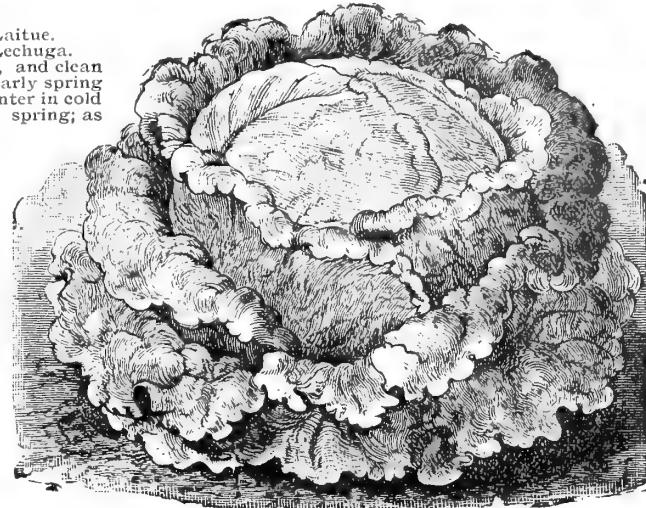
**Boston Curled.** Of the finest quality and very ornamental. A splendid early sort. Pkt. 5c, oz. 10c, 1-4 lb. 25c, 1-2 lb. 50c.

**Butter Cup.** (See cut.) A white seeded variety, forming plants of good size, with numerous smooth, round leaves, which are of a clear yellow shade, very sweet, crisp and tender. The heads when fully formed, are of fair size and exceedingly attractive in appearance. It is a very distinct variety, and we recommend it for both private and market use. Pkt. 5c, oz. 10c, 1-4 lb. 25c, 1-2 lb. 50c, lb. 80c.

**Deacon.** Considered one of the most satisfactory sorts for producing large, well folded and beautiful blanched heads in the family garden or to grow extensively for market. Growing to large size, it is later than most of the other sorts, but is the most sure heading of any large buttery sort. The inside of the head blanches to a beautiful golden yellow, and is of a rich buttery flavor. The outer leaves are of a light golden yellow, and grow closely about the large compact heads. Pkt. 5c, oz. 10c, 1-4 lb. 25c, 1-2 lb. 50c, lb. 80c.

**BLACK SEEDED SIMPSON.**

FRENCH—Laitue.  
SPANISH—Lechuga.



WONDERFUL.



several days after being ready to cut without injury, retains its freshness a long time after being cut, hence much sought after by dealers, especially shippers; its quality is very desirable. Pkt. 5c, oz. 10c, 1-4 lb. 25c, 1-2 lb. 50c, lb. 80c.

**Hanson.** This is a very popular sort among market gardeners. Every year increases the already wide demand for this improved strain of Hanson. It is an ideal lettuce in all respects. The slightly curled leaves are of a beautiful green color while the inner head presents a white appearance, and is as tender and crisp as though blanched. It forms a very large head, some times exceeding 5 pounds in weight. It is wholly free from bitter taste, having a rich and sweet flavor, even to the outer leaves. It resists heat and drought wonderfully well, and is a perfect open air lettuce for amateurs and market gardeners. Pkt. 5c, oz. 10c, 1-4 lb. 25c, 1-2 lb. 50c, lb. 80c.

**Hubbard.** One of the finest white cabbage head varieties for private use or to be grown for marketing. It makes excellent plants, leaves very tender and crisp. Valuable for open ground or forcing. Pkt. 5c, oz. 10c, 1-4 lb. 25c, 1-2 lb. 50c, lb. 80c.

**May's Market Gardener.** This variety was given a place in our Specialties last season, and gave such perfect satisfaction that we have decided to give it space again, and shall be able to offer somewhat lower than we did last season. Our Market Gardener is a variety that is unusual for size and solidity of head, and it shows but little tendency to run to seed. We have had plants time and again of this variety, eighteen inches in diameter, which weighed nearly four pounds, with heads almost as solid as an early Summer cabbage, which in general form it somewhat resembles. The variety blanches itself naturally, is crisp, tender and of excellent flavor, and always free from bitterness. The outside color may be described as a clear, deep apple green, while on the inside the color is a yellowish white. Pkt. 10c, oz. 15c, 1-4 lb. 30c, lb. \$1.00.

**Denver Market.** (See cut.) It is an early variety of head lettuce, either for forcing or open ground. It forms large, solid heads of a good light green color, and is very slow to run to seed. The leaves are beautifully curled and crimped, and are very tender, crisp and of excellent flavor. C. C. Morse & Co., seed growers, California, say: "It is the best novelty ever sent to us, and, tried in our trial grounds together with 96 other varieties of lettuce, we found it to be the best." Pkt. 5c, oz. 10c, 1-4 lb. 25c, 1-2 lb. 50c, lb. 80c.

**Drum Head.** This is also known as "Royal Cabbage" in some sections of the country on account of the large, cabbage-like heads which are produced. It is an excellent sort for summer use, standing the heat well and invariably producing thick, tender leaves of good flavor. Pkt. 5c, oz. 10c, 1-4 lb. 25c, 1-2 lb. 50c, lb. 80c.

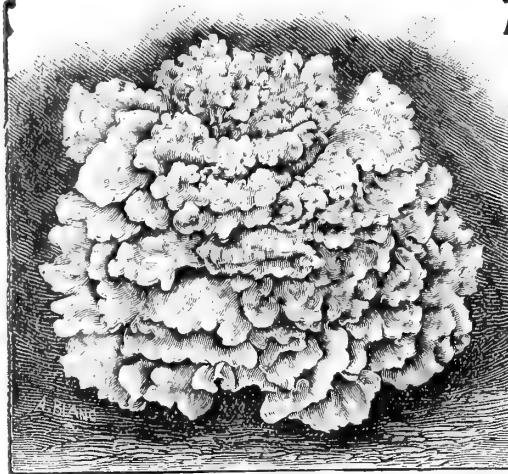
**Early Market.** For forcing this is unsurpassed. It is the earliest curled lettuce that we know of, and just the thing for private use and gardeners who want a splendid forcing variety, when very young and is exceedingly sweet and well flavored. Pkt. 10c, oz. 15c, 1-4 lb. 30c, lb. \$1.00.

**Early Challenge.** (See cut.) A splendid head variety for home garden or marketing. As a head lettuce this is one of the finest we have ever seen. The leaves are of a large size, and form immense heads of a beautiful apple green shade. It matures quickly and is adapted for shipping purposes, as it retains its bright, fresh appearance longer than almost any other variety, and does not become tasteless or bitter with age as is commonly the case with many kinds of lettuce. This is a variety that is certain to please any one who desires a head lettuce of the finest quality. Pkt. 10c, oz. 15c, 1-4 lb. 30c, lb. \$1.00.

**Grand Rapids.** (See cut.) While this variety is especially adapted to Greenhouse Culture in winter, it is also a good lettuce to sow outside early for family use. It is the result of fifteen years selection from the Black Seeded Simpson, which is generally recognized as the standard for forcing for the home market. It is superior to and more beautiful in appearance than the Simpson. It is of rapid, upright growth, may be planted close, not liable to rot, standing

several days after being ready to cut without injury, retains its freshness a long time after being cut, hence much sought after by dealers, especially shippers; its quality is very desirable.

## LETTUCE==CONTINUED.



GRAND RAPIDS.

**Simpson Early Curled.** (Black Seeded.)

(See cut.) it forms a large cluster of leaves and rather a solid head, and is considered very desirable for forcing or early sowing out of doors. The leaves are somewhat rough, blistered, and of a rather light yellowish green shade. Very popular with market gardeners, as its appearance and excellent quality invariably make it command a high price. Pkt. 5c, oz. 10c, 1-4 lb. 25c, 1-2 lb. 50c, lb. 80c.

**Simpson Early Curled.** (White Seeded.)

This is very similar to the Black Seeded Simpson, but is much darker in color, and the leaves are not frilled. As a rule the plants do not attain quite as large a size as the above named variety. Pkt. 5c, oz. 10c, 1-4 lb. 25c, 1-2 lb. 50c, lb. 80c.

**Salamander.** The Best Medium Head Lettuce.

One of the Best for summer use, forming good compact heads. Color, light green outside and white inside. It will remain longer in head and stand a greater amount of heat without burning or running to seed than any other variety. In the Southern states it is invaluable. We highly recommend it to all. Pkt. 5c, oz. 10c, 1-4 lb. 25c, lb. 80c.

**Tennis Ball.** (Black Seeded.)

One of the earliest; forms a close hard head, not large, but very tender and crisp. Pkt. 5c, oz. 10c, 1-4 lb. 25c, 1-2 lb. 50c, lb. 80c.

**Tennis Ball.** (White Seeded.)

A favorite forcing variety; well formed heads; hardy and crisp; of excellent quality. One of the earliest of the heading varieties. Pkt. 5c, oz. 10c, 1-4 lb. 25c, 1-2 lb. 50c, lb. 80c.

**Tom Hannock.** An exceedingly handsome variety

forming a plant 10, 12 or 15 inches high and 9 or 10 inches in diameter. The edges of the outer leaves are glossy, reddish bronze, beautifully wrinkled, crisp and tender. The inner leaves are almost a pure white. It grows quickly and for home use is certain to give satisfaction. Pkt. 5c, oz. 10c, 1-4 lb. 25c, 1-2 lb. 50c, lb. 80c.

**White Cabbage.** An excellent sort for forcing and for summer use as is very slow to run to seed. The heads are of good size, greenish white in color and of excellent quality, the leaves being remarkably crisp, tender and sweetly flavored. Pkt. 5c, oz. 10c, 1-4 lb. 25c, 1-2 lb. 45c, lb. 80c.
**White Star.** A distinct sort, of the Black Seeded Simpson type, but grows larger and more rapidly, and its leaves are broader, thicker, darker and less frilled at the edge. It forms a large, loose head, blanches well, and is of excellent quality. The plants remain long in condition for use before running to seed. Repeated trials, both for forcing and early planting out doors, convince us that this is a most valuable sort. Pkt. 5c, oz. 10c, 1-4 lb. 25c, 1-2 lb. 45c, lb. 80c.
**Martynia.** A hardy, annual plant of vigorous growth, the pods or fruit of which, while tender, are used for pickling. The plant grows 2 feet in height of branching, bushy habit, bearing numerous large clusters of flowers which are succeeded by hairy seed pods. Seed should not be planted until the trees are in full leaf. Plants should stand two feet apart each way.
**Proboscidea.** The flowers are of rich purplish violet. Pkt. 10c, oz. 35c.**New York Improved.**

Heads almost as solid as an Early Summer cabbage, which in general form it somewhat resembles. It blanches itself naturally, is crisp, tender, and of excellent flavor and entirely free from bitterness. The color on the outside is a clear, deep apple green; on the inside yellowish white. Pkt. 5c, oz. 10c, 1-4 lb. 25c, 1-2 lb. 45c, lb. 80c.

**Oak Leaf.**

The leaves of this variety are oak leaf-shaped, light green, slightly crumpled or curled, set very close and form a head as compact as the peculiar shape of the leaves will permit. We consider it a most valuable sort for home gardens, as it is entirely free from coarse stems and has no bitterness of taste whatever, but is of the most delicious flavor and wonderfully tender. Excellent for growing in the open ground and very slow in running to seed. Pkt. 10c, oz. 15c, 1-4 lb. 25c, 1-2 lb. 50c, lb. 80c.

**Paris White Cos.**

Undoubtedly the very best of this class. It is of upright habit, tender and crisp, and requires to be tied up to insure blanching. Pkt. 5c, oz. 10c, 1-4 lb. 25c, 1-2 lb. 50c, lb. 80c.

**Passion Lettuce.**

A large drumhead sort, with outer leaves tinged with brown. Considered one of the finest for hotel and private use and quite popular with the leading hotels in New York, Boston and San Francisco. Pkt. 5c, oz. 20c, 1-4 lb. 30c, 1-2 lb. 60c, lb. \$1.00.

**Philadelphia Butter.**

(See cut.) A dark green, thick-leaved, smooth lettuce, that is very desirable for open ground culture. The plants form a good size, solid, round head, that will stand a long time before running to seed. The inner leaves blanch a peculiar yellow shade, and are of a most delicious, rich, nut flavor. Highly esteemed in the eastern states. Pkt. 5c, oz. 10c, 1-4 lb. 25c, 1-2 lb. 50c, lb. 80c.

**Prize Head.**

(See cut.) Forms a mammoth plant, in which even the outer leaves are crisp and tender, and remain so throughout the season. It is slow to run up to seed, of superb flavor and very hardy; one of the best varieties for family use. Pkt. 5c, oz. 10c, 1-4 lb. 25c, 1-2 lb. 45c, lb. 85c.

**Wonderful.** (TRUE SELECTED SEED)

(See cut Page 31.) The largest heading lettuce we have ever seen. It has been grown to weigh six pounds to the head, and frequently two or three pounds. The heart is solid, of bright light green color, very tender and crisp, without the slightest trace of bitterness found in most sorts. As an example of its standing properties, perfect heads were cut from the same bed for upwards of seven weeks. Two pound heads trimmed close, ready for table use, were common on the market last summer. It withstands the heat well making a fine Lettuce for all seasons. Pkt. 5c, oz. 15c, 1-4 lb. 25c, lb. 80c.

**Iceberg.**

This famous Lettuce is the surest and hardest heading of all the crisp headed sorts. It is most highly esteemed for its beautiful appearance and mild flavor during the hot summer months. We also find it one of the desirable to grow under glass during the winter months as its crispness and beauty are unsurpassed by any other variety. The plants are of medium size, but produce large, conical heads which are tightly folded and blanch to a beautiful white. The outer leaves are light green, finely fringed, and grow up closely about the large conical head. Pkt. 5c, oz. 10c, 1-4 lb. 25c, lb. 80c.

**Yellow Queen.**

This fine heading Lettuce is winning the praise which was predicted for it, as the best first early head Lettuce. The solid heads are of good size, and of a most pleasing golden yellow color, second to none for forcing. It is one of the most deceptive varieties we have ever seen, but it forms all solid heads, with little or no waste, so there is really more to it than in many Lettuces double the size. It is very crisp, tender and juicy. It can not be overpraised for home use. Pkt. 10c, oz. 25c, 1-4 lb. 75c.

**Yellow Seeded Butter.**

A distinct sort, heads large, remains in head long before running to seed. Very crisp and tender. Pkt. 5c, oz. 15c, 1-4 lb. 30c, lb. \$1.00.

**MAY'S EARLY CHALLENGER.**

## SOME CHOICE MUSK MELONS.

GERMAN—Muskat-Melone.

SPANISH—Melon Muscatel.

Prices quoted on musk melons include the prepayment of postage by us. If wanted by express, deduct 10 cents per pound.

CULTURE—Select a light, sandy, rich soil, and after all danger of frost is over, the ground has become warm and dry, plant in hills 4 to 5 feet apart each way, 6 to 12 seeds to the hill. When up and all danger of insects is past, pull out all but three plants. Cultivate until the vines cover the ground, and pinch the ends of the growing shoots to induce early fruiting. Ashes, lime, or even road dust is excellent to sift over the young plants when the dew is on to prevent the attack of insects. A few hills for early use may be had by sowing in hotbeds on pieces of sod or in pots. The seeds may also be started out of doors, under hand frames or glasses. The quality of melons of all varieties is largely dependent upon conditions of growth and ripening. Unhealthy vines or unfavorable weather produces fruit of comparatively poor value.

**Acme or Baltimore.** An excellent shipping melon. The fruit is of medium size, oval in shape and slightly ribbed at the stem, and ribbed and covered when ripe with a heavy netting. The flesh is green, thick, tender, and of a sweet, sugary flavor. **Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.**

**Banana.** A novelty in musk melons. They often attain a length of 25 to 30 inches. The flesh is thick, of a rich salmon color, and deliciously flavored when ripe. The vines are wonderfully prolific, often bearing as many as 10 or 12 large melons on a single vine. **Pkt. 5c, oz. 10c, 1-4 lb. 25c, lb. 75c.**

**Banquet.** Claimed by many to be the most productive variety ever introduced, and said to yield 25 per cent more first-class melons to a given area than any other variety. The melons are medium sized, flattened at both ends, and beautifully netted. The flesh is deep, very sweet, and of a rich salmon color. **Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.**

**Bay View.** Fruit long and of the largest size, frequently weighing 15 to 17 pounds. Deeply ribbed and covered with coarse netting; flesh green, thick and of fine flavor. **Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.**

**Cantaloupe, Long Yellow.** A large, long oval variety deeply ribbed, flesh thick, light salmon on colored. **Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.**

**Cantaloupe, Round Yellow.** Same as long yellow, except in shape. **Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.**

**Citron.** Green, medium size, deeply netted, nearly round, of delicious flavor. **Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.**

**Columbus.** A green fleshed melon for general crop, and is a heavy yielder. The vines are strong and thrifty, of a beautiful buff color. Skin is covered with a whitish netting, making it a fine shipper. **Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 65c.**

**Delmonico.** (See cut.) A deeply netted oval shaped melon of large size, vines vigorous, flesh orange color. **Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.**

**Early Green Nutmeg.** A medium sized globular formed variety. The skin is of a dark green; flesh thick, solid and of good flavor. **Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 50c.**

**Emerald Gem.** This is a new variety of excellent quality; it is of medium size. The skin, white ribbed, is perfectly smooth and of a deep emerald green color. The flesh is thick and of a suffuse salmon color, and ripens to the green rind. The flavor is very sweet and luscious. The vines are hardy and very prolific, and the melons mature extremely early. **Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.**

**Golden Triumph.** (See cut.) This still heads our list, for we have as yet to find a melon that surpasses it in flavor, and that is what is really most desired in melons for home use. Good size, flesh sweet and tender, very prolific. Should be grown extensively for the restaurants, as it always brings the highest prices on account of its beautiful color when sliced. The flesh is thick, sweet and juicy; color a deep pinkish orange, and very handsome. Every one who has a small garden, and wants a fine musk melon, will do well to try our Golden Triumph. **Pkt. 10c, oz. 25c, 1-4 lb. 65c.**

**Hackensack, Large.** A popular market variety of large size. Vines vigorous, very productive; flesh green, thick, sweet and of fine flavor. **Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 50c.**

**Hackensack, Extra Early.**

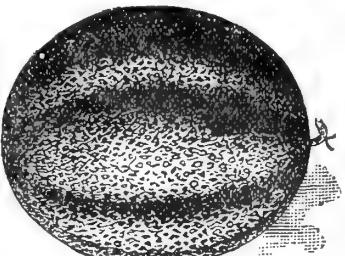


This is a variety possessing all of the good qualities of the large Hackensack, but by careful selection a strain has been secured which will ripen about a week or ten days earlier than the old variety, making it more desirable where an extra early large melon is required. **Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.**

**DO NOT FAIL TO PLANT ROCKY-FORD AND PAUL ROSE. FOR DESCRIPTION SEE LIST OF SPECIALTIES.**

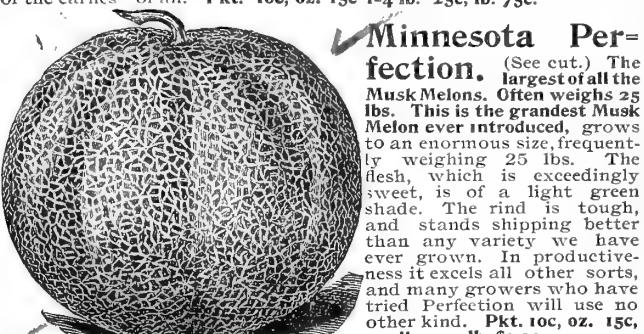
**FRENCH—Melon Muscade.**  
**SWEDISH—Muskat Melon.**

Prices quoted on musk melons include the prepayment of postage by us. If wanted by express, deduct 10 cents per pound.



**DELMONICO.**

**Long Island == =**  
**Beauty.** This is a new variety of the Hackensack type. It was originated on Long Island. It is claimed for this variety that it is as early as Extra Early Hackensack and is a much better melon; the flesh is thicker and sweeter. The lobes are wide and the netting is very heavy. Besides being luscious it is one of the earlies' of all. **Pkt. 10c, oz. 15c, 1-4 lb. 25c, lb. 75c.**



**Minnesota Perfection.** (See cut.) The largest of all the Musk Melons. Often weighs 25 lbs. This is the grandest Musk Melon ever introduced, grows to an enormous size, frequently weighing 25 lbs. The flesh, which is exceedingly sweet, is of a light green shade. The rind is tough, and stands shipping better than any variety we have ever grown. In productivity it excels all other sorts, and many growers who have tried Perfection will use no other kind. **Pkt. 10c, oz. 15c, 1-4 lb. 40c, lb. \$1.00.**

**MONTREAL MARKET.** Fruit of the largest size, often weighing 20 pounds; shape nearly round, flattened at the ends, deeply ribbed; flesh very thick and of fine flavor. **Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 50c.**

**May's Netted Gem.** (See cut.) A favorite everywhere. They ripen extra early, and grow to an average weight of one and a quarter pounds. The flesh is thick, sweet, juicy, fine grained and of a light green color. Skin a deep green, and heavily ribbed and netted. As a rule the melons are almost solid, and will keep for nearly a week after picking. The seed we offer is carefully selected, and will give perfect satisfaction. **Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 55c.**

**Newport.** An early green fleshed variety, almost round in shape. **Pkt. 10c, oz. 15c, 1-4 lb. 25c, lb. 75c.**

**Osage or Miller's Cream.** Leading favorite yellow fleshed variety. It is round, slightly ribbed and netted; skin very dark green; flesh a deep, rich salmon, sweet, highly flavored and delicious to the rind; very seldom that of poor quality is found. **Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.**

**Paul Rose.** For description see specialties. **Rocky Ford.** For description see specialties.

**Pineapple.** Medium size, oval, heavily netted, thick green flesh. **Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.**

**Princess.** Nearly round, heavily netted, skin dark green. The flesh is of a deep salmon color; ripens early and grows to a good size. **Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.**

**Skillman's Netted Gem.** In form roundish oval; flesh a deep, rich green, very sweet and fine grained; grown extensively for early market. **Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.**

**Surprise.** An old standard variety. Vines hardy and productive; skin yellowish white; flesh, deep salmon color. **Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.**

**Texas Cannon Ball.** Claimed to be one of the best shipping melons ever introduced. In shape it is almost round and heavily netted; the flesh is light green and wonderfully sweet. **Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.**

**Tip Top.** The flesh is a rich yellow, thick, very sweet and juicy. It is a thoroughly good melon. **Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 50c.**

**Triumph Hybrid.** This must not be confounded with Golden Triumph, for they are entirely distinct. The Triumph Hybrid is a cross between Columbus and Osage, combining all the good qualities of these two excellent melons, and is a very superior melon. The beautiful orange flesh is thick and luscious; ripens clear to the rind. The melons are medium to large size and beautifully netted. **Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.**

**White Japan.** A favorite. The outside skin is very light colored and smooth; flesh light green, musky flavor. **Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.**

**Yellow Meated Japan.** Similar to the above, except color of flesh yellow. **Pkt. 10c, oz. 15c, 1-4 lb. 25c, lb. 75c.**

**MINNESOTA PERFECTION.**

**BLACK DIAMOND.**

Very large, dark green; flesh solid, deep red. A good shipper. Pkt. 5c, oz. 10c, 1-4 lb. 20c, 1b. 50c.

**Duke Jones.**

✓ **Florida Favorite.** A splendid oblong melon ten days earlier than Kolb's Gem; flesh red, of fine flavor and quality. Pkt. 5c, oz. 10c, 1-4 lb. 20c, 1b. 50c.

✓ **Fordhook Early.** For description see list of specialties.

✓ **Georgia Rattlesnake.** Standard Southern variety, oblong; flesh scarlet, crisp and juicy. A good shipper. Pkt. 5c, oz. 10c, 1-4 lb. 20c, 1b. 50c.

**Gray Monarch.**

Very large, long, flesh crimson, of delicious flavor. A fine shipper and always brings a high price. Pkt. 5c, oz. 10c, 1-4 lb. 20c, 1b. 50c.

**Green and Gold.**

Golden orange fleshed, of good size (30 to 40 lbs.), very productive, rind very thin—about  $\frac{1}{2}$  inch, flesh juicy, sweet, and of fine flavor. Pkt. 5c, oz. 10c, 1-4 lb. 20c, 1b. 50c.

**Hungarian Honey.**

Round, skin of a dark green color, flesh brilliant red, fine flavor. Pkt. 5c, oz. 10c, 1-4 lb. 20c, 1b. 50c.

**Ice Cream.** The best for general crop.

Few, if any, can surpass it; medium early fruit, oblong, large size, rind light mottled green, flesh bright scarlet, solid to the center, melting and delicious. Pkt. 5c, oz. 10c, 1-4 lb. 20c, 1b. 50c.

✓ **Ice King, May's.** The best flavored variety of the melon family; the melon for all sections, a good shipper and the most productive melon ever offered; grows to a good size, skin not thick, but very tough and will stand almost any amount of rough usage; the meat is a rich scarlet, sweet and juicy. We offer selected seed of this variety. Pkt. 10c, oz. 15c, 1-4 lb. 25c, 1b. 75c.

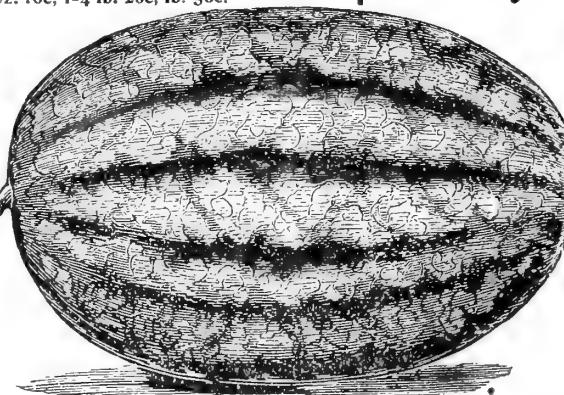
✓ **Icing, Dark.** Round, solid, thin rind, very delicious in flavor; not desirable for shipping. Pkt. 5c, oz. 10c, 1-4 lb. 20c, 1b. 50c.

✓ **Icing, Light.** Round in form like the above; flesh of fine quality. Pkt. 5c, oz. 10c, 1-4 lb. 20c, 1b. 50c.

✓ **Iron Clad Mammoth.** (See cut.) A good melon for all purposes; large size, flesh red. Good shipper. Pkt. 5c, oz. 10c, 1-4 lb. 20c, 1b. 50c.

✓ **Jones' Jumbo.** A large melon, very productive. Most desirable for gardeners. Pkt. 5c, oz. 10c, 1-4 lb. 20c, 1b. 50c.

✓ **Kleckley Sweets Water Melon.** For home use this melon is unsurpassed, but it is not recommended for shipment, owing to its thin brittle rind. The vines are strong and vigorous and the fruits grow uniformly to quite a large size; oblong in form, 18 to 20 inches long and 10 to 12 inches in diameter, rather tapering at the ends. The skin is a rich dark green, while the flesh is bright scarlet, ripening close to the skin, the rind being only about half an inch in thickness. The seeds are white and rather long in shape, being in two rows lying close to the rind, they leave a very large, solid heart which does not crack open when ripe, as is the case in many large melons. The rich, bright scarlet flesh is crisp, sugary and melting to the highest degree, being entirely free from any stringiness. The rich coloring of the flesh together with its luscious sweetness combine to make it the finest table melon now in cultivation. Pkt. 5c, oz. 10c, 1-4 lb. 25c, 1b. 85c.

**MAMMOTH IRON**

✓ **CLAD.** will make a mistake if you do not give it a place in your garden this year. Pkt. 10c, oz. 25c, 1-4 lb. 75c.

✓ **Sweetheart.** A new shipping melon of large size and fine quality; vines vigorous and productive; very early. Fruit large, oval, very heavy, solid, tender, melting and sweet. Remains in condition longer than many other sorts.

Pkt. 5c, oz. 10c, 1-4 lb. 20c, 1b. 60c.

✓ **Vick's Early.** Long, smooth, early sort. Pkt. 5c, oz. 10c, 1-4 lb. 20c, 1b.

**Safeguard**



GERMAN—Wasser-Melone. WATER MELONS. SWEDISH—Vatten-Melon. FRENCH—Melon d'Eau. SPANISH—Sandia.

One ounce of seed for 30 hills; 4 to 5 lbs. in hills, for 1 acre.

CULTURE—These require a rich, but rather sandy soil for the best results, and give the largest returns in warm latitudes, although of late years they are being extensively grown in the middle and northern states for home markets. Give the same care as musk melons, but have the hills at least double the distance apart.

✓ **Black Diamond Water Melon.** (See cut.) Recently introduced, and claimed by large growers to be one of the best market varieties ever offered. The fruits are of large size, often weighing from 75 to 100 pounds each. The color is a rich, deep greenish black, and the shape of the melons is roundish oval. Rind thin, but quite tough, enabling it to withstand rough handling. Flesh rich red, thick, firm, solid and sweet. The vines are vigorous, productive, and ripen the fruit extremely early for so large a variety. Pkt. 10c, oz. 15c, 1-4 lb. 25c, 1b. 85c.

✓ **Black Spanish.** Solid, very thin rind; flesh scarlet, sweet and luscious. A profitable variety for the market gardener. Pkt. 5c, oz. 10c, 1-4 lb. 20c, 1b. 60c.

✓ **Boss.** Oblong. Skin dark green, flesh deep scarlet of very superior quality. Pkt. 5c, oz. 10c, 1-4 lb. 20c, 1b. 60c.

✓ **Colorado Preserving.** Grows to a large size, flesh very firm and solid, with a small proportion of seed. Pkt. 5c, oz. 10c, 1-4 lb. 20c, 1b. 50c.

✓ **Cole's Early.** Medium size, flesh a deep red, very sweet and tender; the rind is thin and brittle; vines continue to bear until killed by frost. Pkt. 5c, oz. 10c, 1-4 lb. 20c, 1b. 50c.

✓ **Cuban Queen.** Grows to a large size, oval in shape, skin marked regularly, flesh crisp, juicy and sugary. Pkt. 5c, oz. 10c, 1-4 lb. 20c, 1b. 50c.

✓ **Dixie.** Excellent quality, very large and solid, flesh red, intermediate. Pkt. 5c, oz. 10c, 1-4 lb. 20c, 1b. 50c.

✓ **Kolb's Gem.** Very large, flesh red; popular in the south. A good shipping sort. Pkt. 5c, oz. 10c, 1-4 lb. 20c, 1b. 50c.

✓ **Mountain Sprout.** Oval, large sort, flesh scarlet, crisp and a good keeper. Pkt. 5c, oz. 10c, 1-4 lb. 20c, 1b. 50c.

✓ **Mountain Sweet.** An old and reliable sort, flesh red. Of extra fine quality. Pkt. 5c, oz. 10c, 1-4 lb. 20c, 1b. 50c.

✓ **Phinney's Early.** Extra early, medium size, oval, very productive. Pkt. 5c, oz. 10c, 1-4 lb. 20c, 1b. 50c.

✓ **Pride of Georgia.** Dark green in shape, and ridged like an orange. Crisp and sweet. Pkt. 5c, oz. 10c, 1-4 lb. 20c, 1b. 50c.

✓ **Safeguard.** (See cut.) The earliest large variety ever introduced. Without doubt the best melon for early marketing.

For yield and earliness combined, no variety we have ever grown can equal Safeguard. It is not so productive as our Ice King, but on account of its earliness is a much better variety for gardeners who grow for the early markets. In addition to its earliness and yield, the tough skin enables it to withstand almost any amount of rough handling. Our illustration is a correct representation of this splendid melon and shows the depth of the skin, which is not thick, but exceedingly tough. The flesh is a rich pink, crisp, tender and very sweet. For home use it is a most desirable variety, as it will furnish melons earlier in the season than any other sort.

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## MUSHROOM SPAWN.

GERMAN—Champignonbrut.  
SWEDISH—Champignon.

Mushrooms may be grown in cellars, under benches of greenhouses, or in sheds, wherever the temperature of 50 or 60 degrees can be kept up through the winter. The bed should be made from November to February, according to the time the mushrooms are wanted, and it requires about two months for them to begin bearing. Secure fresh horse manure, free from straw and litter, and mix an equal bulk of loam from an old pasture with it. Keep this under cover, taking care to turn it every day to prevent heating until the pile is large enough to make a bed of the required size. Three or four feet wide, eight inches deep and any length desired, are the proper proportions for a bed; these may be varied. Prepare the mixture of loam and manure, making the bed in layers, and pounding down each with the back of the spade. Leave this to heat through for a few days, and as soon as the heat subsides to 90 degrees, make holes in the bed about a foot apart each way, into which put pieces of the spawn two or three inches in diameter, fill up the holes with the compost, and at the expiration of a week or ten days the spawn will have thoroughly diffused itself through the bed. Spread a layer of fresh soil over the heap to a depth of two inches, and cover with three or four inches of hay, straw or litter. Examine the bed often to see that it does not get dry. When water is given it should be at a temperature of about 100 degrees.

English. The best. Per lb. 25c. Write for price on large quantities.

GERMAN—Senf.  
SWEDISH—Senap.

A small pungent salad used with cress; the seed is also used for flavoring pickles, pepper sauce, etc. For salads sow thickly in shallow drills 6 inches apart, or in frames or boxes during the winter, where frost can be partially excluded. Successive sowings may be made every week or two. To grow seed sow in April in rows 1 foot apart, and thin out to 3 inches apart, when 2 inches high.

## Black or Brown.

More pungent than the white. Pkt. 5c, oz. 10c, lb. 40c.

## White or Yellow. Desirable for salads and flavoring.

Pkt. 5c, oz. 10c, lb. 40.

Southern Curled. This variety is very highly esteemed in the South. Plants grow to a height

of about two feet and form immense bunches. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 50c.

GERMAN—Nasturtium. NASTURTIUM. FRENCH—Capucine.

SPANISH—Maranuela.

Cultivated both for use and ornament. The seed pods, which resemble capers, are gathered while green and tender for pickling, and the leaves are used for mixing with salads. Sow early in the spring, in drills about 1 inch deep, in light rich soil, when any danger of frost is over; train the tall on brush, trellises, or fences, and grow the dwarf in beds.

Dwarf Mixed. Pkt. 5c, oz. 10c, 1-4 lb. 25c, lb. 75c.

Tall Mixed. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.

GERMAN—Safran. OKRA. FRENCH—Gombaud.

SPANISH—Quibombo.

A vegetable that is extensively grown for its green pods, which are used in soups, stews, etc., to which they impart a rich flavor and are considered nutritious. Sow the seed thickly in rich ground about the middle of May, or when the ground has become warm, in drills 3 feet apart and 1 inch deep; thin out to 10 inches apart in the drills.

Dwarf Green. A very desirable sort, as it is very productive and free from hard ridges. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 50c.

Tall Green. Long, slender pods, light colored, keep edible a long time and are very tender. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 50c.

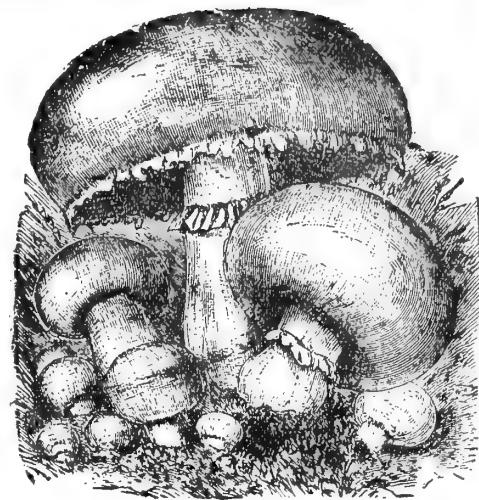
Velvet Pod. It is distinct in appearance, and the pods are perfectly round, smooth of an attractive white velvet appearance, and of superior flavor and tenderness. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.

## HOW TO RAISE ONIONS SUCCESSFULLY.

The onion is universally grown in the family garden, and is one of the most profitable market garden crops, repaying many fold any extra care in preparing and fertilizing the ground and subsequent cultivation. No feature of this crop, however, is more important than the planting of a strictly high grade strain of seed, as the proper preparation of the soil and cultivation of the crop involve considerable outlay.



**The Soil.** A crop of onions can be grown on any soil which will produce a full crop of corn, but on a stiff clay, very light sand or gravel, or certain varieties of muck or swamp lands, neither a large nor a very profitable crop can be grown. We prefer a rich, sandy loam, with a light mixture of clay; this is much better if it has been cultivated with hood crops, kept clean of weeds and well manured for two years previous, because if a sufficient quantity of manure to raise an ordinary soil to a proper degree of fertility is applied at once, it is likely to make the onions soft. The same result will follow if we sow on rank, mucky ground or that which is too wet.

FRENCH—Blanc de Champignon.  
SPANISH—Seta.

MUSHROOMS.

## Preparation.

Remove all refuse of previous crops in time to complete the work before the ground freezes up, and spread the composted manure evenly, at the rate of about fifty cart-loads to the acre. This should first be cultivated in, and then the ground ploughed a moderate depth, taking a narrow furrow, in order to thoroughly mix the manure with the soil. Carefully avoid tramping on the ground during the winter. Cultivate or thoroughly drag the soil with a heavy harrow as early in the spring as it can be worked, and then in the opposite direction, with a light one, after which the entire surface should be raked with steel hand rakes. It is impossible to cultivate the crop economically unless the rows are perfectly straight; to secure this, stretch a line along one side, fourteen feet from the edge, and make a distinct mark along it; then, having made a wooden marker, something like a giant rake with five teeth about a foot long and standing fourteen inches apart, make four more marks by carefully drawing it with the outside tooth in, and the head at right angle to the perfectly straight mark made by the line. Continue to work around this line until on the third passage of the marker you reach the side of the field, where you began; measure fifteen feet two inches from the last row, stretch the line again, and mark around in the same way. This is better than to stretch a line along one side, as it is impossible to prevent the rows gradually becoming crooked, and by this plan we straighten them after every third passage of the marker.



OKRA.

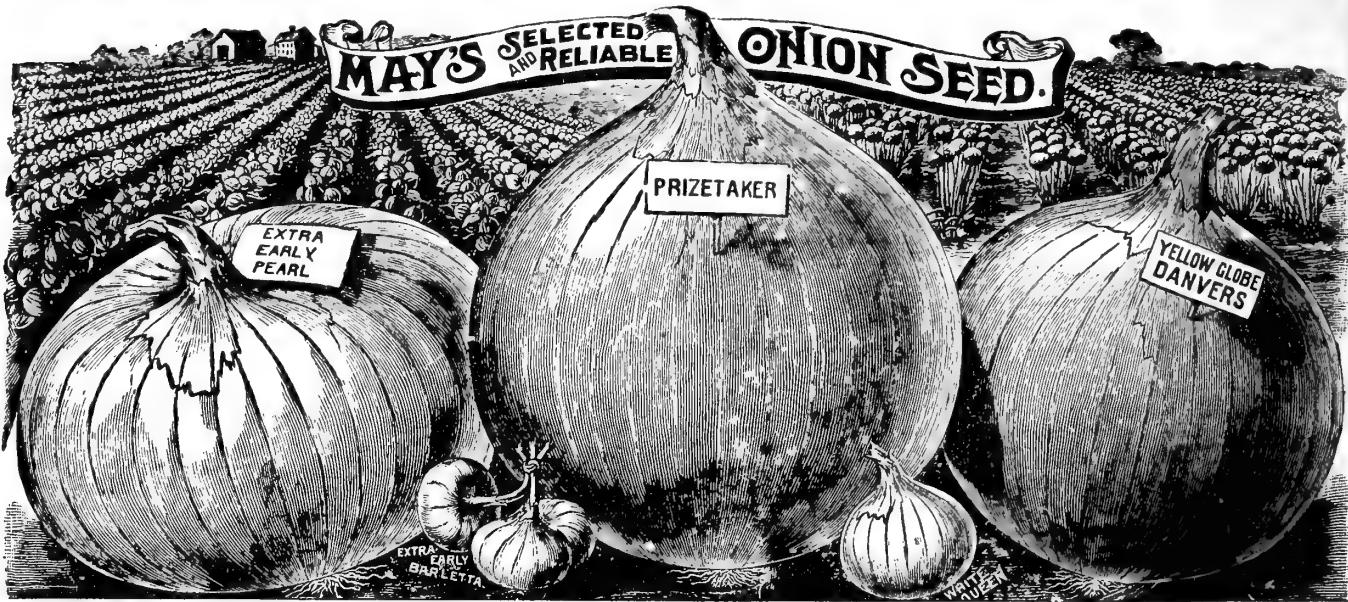
**Sowing the Seed.** This should be done as soon as the ground can be gotten ready, and can best be done by a hand seed drill. This should be carefully adjusted to sow the desired quantity of seed and about one-half inch deep. The quantity needed will vary with the soil; the seed used and the kind of onions desired. Thin seeding gives much larger onions than thick. Four or five pounds, per acre, is the usual quantity needed to grow large onions. We use a drill with a roller attached, but if the drill has none, the ground should be well rolled with a hand roller immediately after the seed is planted.

**Cultivation.** Give the onions the first hoeing, just skimming the ground between the rows, as soon as they can be seen the length of the row. Hoe again in a few days, this time close up to the plants, after which weeding must be continued. This operation requires to be carefully and thoroughly done. The weeder must work on his knees astride of the row, stirring the earth around the plants, in order to destroy any weeds that have just started. At this weeding or the next, according to the size of the plants, the rows should be thinned, leaving from eight to twelve plants to the foot. In ten days or two weeks they will require another hoeing and weeding similar to the last, and two weeks later, give them still another hoeing and if necessary another weeding. If the work has been thoroughly done at the proper time, the crop will not require further care until ready to gather.

**Manuring.** There is no crop where a liberal use of manure is more essential than in this. If it is too rank, it is quite sure to make soft onions, with many scallions. It should be of the best quality, well fermented and shoveled over at least twice during the previous summer to kill weed seeds. Of the commercial manures, we prefer fine ground bone to any other, but large crops are raised by the use of superphosphates. In some cases, particularly with mucky soils, nothing will do so much good as a liberal dressing of unleached wood ashes or some form of commercial fertilizer rich in potash.

**Gathering.** As soon as the tops die and fall, the bulbs should be gathered into windrows. If the weather is fine they will need no attention while curing, but if it is not, they will need to be stirred by simply moving them slightly along the row. Cut off the tops when perfectly dry, about half an inch from the bulb, and then after a few days of bright weather the onions will be fit to store for the winter.

**Onions** may be kept in fine condition during the winter by spreading straw to the depth of about 18 inches on the floor of a barn or shed, and on this spread the onions to a depth of about a foot and cover them with about two feet of straw.



**Notice.** It will pay you to sow NORTHERN GROWN SEED. It is acknowledged superior to seed grown in any other section. It will produce more first-class onions to the acre than any other seed. The onions are more uniform in size and of better quality. The onions will keep longer without sprouting or becoming soft. It's worth three times as much as Eastern, Southern or Western seed.

1 ounce for 100 feet of drill. 5 or 6 pounds in drills to the acre.

Prices quoted on onion seed in packets, ounces, 1-4 pounds, or pounds, include the prepayment of postage by us. By express means purchaser pays the transportation charges.

**Red Bermuda.** Flat, flesh white, of good quality. Pkt. 5c, oz. 15c, 1-4 lb. 55c, lb. \$2.00.

**Red Flat.** (See cut.) Extra early. Deep red, mild flavor, medium size. Pkt. 5c, oz. 15c, 1-4 lb. 40c, lb. \$1.00. By express, in 5 lb. lots, 90c per lb.

**Red Giant Rocca.** Productive and mild; of large size. Pkt. 5c, oz. 10c, 1-4 lb. 35c, lb. \$1.35.

**Red Wethersfield Mays Selected.** (Minnesota Grown.)

(See cut.) We confidently recommend our strain of this favorite onion as the very best ever offered the gardeners of America, and believe we are fully justified in making this claim. It grows with unusual regularity, and yields of over 1,000 bushels per acre have been reported to us from various sections. Onions weighing from one to two pounds each are frequently grown from our selected strain in one season from seed. While not so early as Red Wonder, it is of a larger size and therefore more extensive grown by gardeners who ship to distant markets. The flesh is a pure white, fine grained and of good flavor; skin purplish red. OUR SELECTED STRAIN OF RED WETHERSFIELD IS WORTH TWICE AS MUCH as that usually sold by other seedsmen, and no gardener CAN AFFORD TO BE WITHOUT IT. Pkt. 5c, oz. 10c, 1-4 lb. 35c, 1-2 lb. 60c, lb. \$1.00. By express or freight we will send at your expense selected Red Wethersfield Onion seed at 90c per pound in lots of not less than 5 pounds.

**Red Globe, Southport.** (Minnesota Grown.) (See cut.) This strain of Red Globe onion which we offer is far superior to that usually sold at the present time, as it produces splendid, globe-shaped bulbs of handsome appearance and the best keeping qualities. There is probably no other red variety which commands a higher price on the market, as its rich, purplish, crimson color makes it exceedingly attractive. The flesh is solid, fine grained, mild and tender. In addition to being a most beautiful onion it matures early in the season, which is a decided advantage to market gardeners. Pkt. 5c, oz. 15c, 1-4 lb. 45c, lb. \$1.50; by express, in 5 lb. lots, \$1.40 per lb.

**Red Tripoli.** Skin thick, flesh white, very tender. Pkt. 5c, oz. 15c, 1-4 lb. 55c, lb. \$2.00.

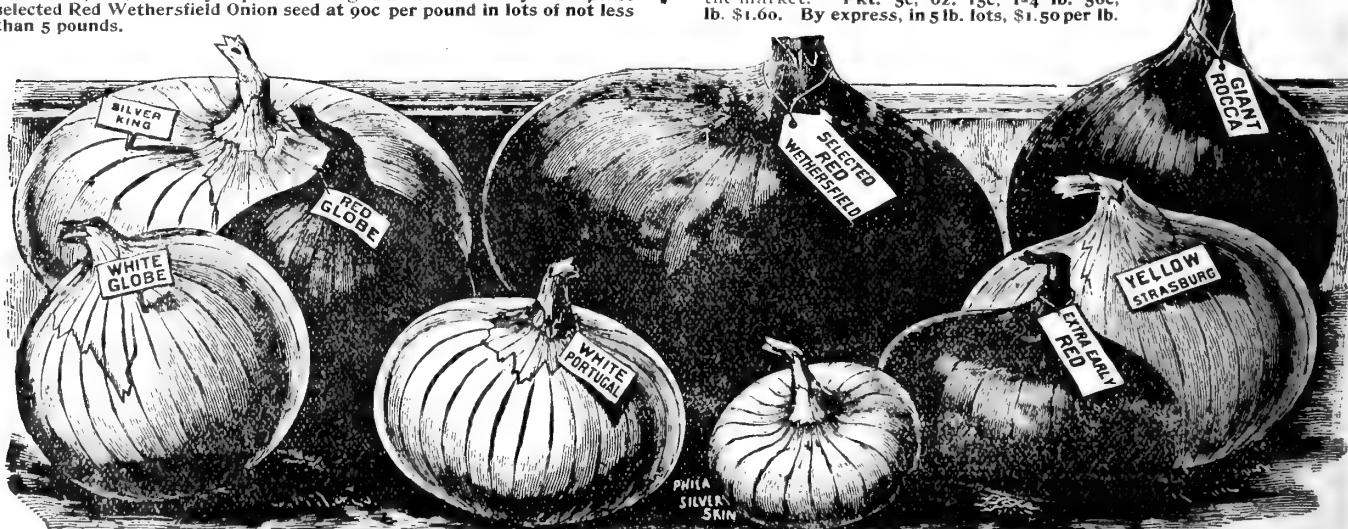
**White Barletta.** (See cut.) Tests prove this to be exactly the same as "White Queen," but we

**Extra Early.** have been careful to keep our stocks of these varieties separate, and offer them in this way. Pkt. 5c, oz. 15c, 1-4 lb. 50c, lb. \$1.00.

**White Bermuda.** Mild-flavored. Color white, otherwise same as Red Bermuda. Pkt. 5c, oz. 20c, 1-4 lb. 70c, lb. \$2.30.

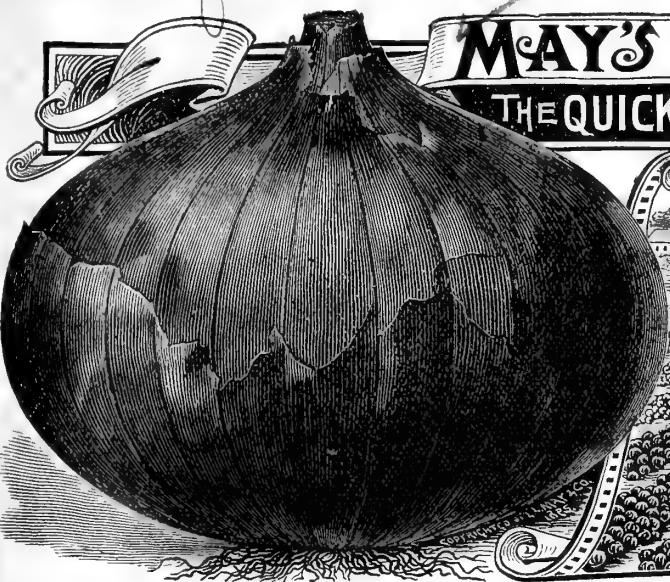
**White Globe Southport.** (Minnesota Grown.) (See cut.) This strain is thoroughly first-class in every particular and will produce handsome, globe-shaped, white bulbs that are solid and of splendid quality. Pkt. 5c, oz. 20c, 1-4 lb. 60c, lb. \$2.00; by express in 5 lb. lots, \$1.90 per lb.

**White Mammoth Silver King.** (See cut.) This giant sort is the largest of all white onions; no other white sort approaching it in mammoth size. It is of attractive form, flattened but thick through. Single bulbs often attain weights of from 2 to 4 pounds each. The skin is a beautiful silvery white, the flesh is snowy white, and of a particularly mild and pleasant flavor. So sweet and tender is the flesh that it can be eaten raw like an apple. Matures early and is of uniform large size and perfect form. Always brings a large price on the market. Pkt. 5c, oz. 15c, 1-4 lb. 50c, lb. \$1.60. By express, in 5 lb. lots, \$1.50 per lb.



# MAY'S RED WONDER.

## THE QUICKEST GROWING RED ONION.



LOADING RED WONDER  
FOR SHIPMENT.

### THE EARLIEST AND BEST RED ONION FOR AMERICA.

**grown.** It cannot be too highly recommended for the Middle and Northern States. For some years past we have experimented with all the different varieties of red onions for early use, and now offer a carefully-selected and improved strain that by actual tests has proven to be from ten days to two weeks ahead of Red Wethersfield. This alone will at once recommend it to the large growers, but in addition to this valuable point there are many others, such as fine shape, good flavor and wonderful keeping qualities. These will immediately stamp it as the coming red onion for all sections of the country. We believe it will soon take the place of Wethersfield, Red Globe and all other kinds of its color as soon as once tested by those growing the old varieties. **EVERY GARDENER WHO GROWS ONIONS SHOULD TRY RED WONDER.** Pkt. 10c, oz. 25c, 1-4 lb. 75c, lb. \$2.00. By express, in 5 lb. lots, \$1.80 per lb.

**White Paris Pickling.** For early bunching, pickling or sets. The onions are of small size, solid, and of mild flavor. Pkt. 5c, oz. 20c, 1-4 lb. 60c, lb. \$2.00.

**White Pearl.** Extra early. The earliest of all white onions; grows to an immense size. Flesh white and of mild flavor. Pkt. 10c, oz. 25c, 1-4 lb. 75c, lb. \$2.25.

**White Portugal or American Silver Skin.**

(See cut.) One of the most desirable large, white, flat-shaped varieties. It is of mild flavor, fine grained, and an excellent sort for early winter use. Also largely grown for pickling purposes when young. Pkt. 5c, oz. 20c, 1-4 lb. 50c, lb. \$2.00; by express in 5 lb. lots \$1.85 per lb.

**White, May's Perfect Pickling.** (See cut.) Without doubt the best of all the varieties for pickling purposes. It grows rapidly but remains small and is of the mildest possible flavor, making the most desirable of all onions for this purpose. The onion is white, slightly flattened and exceedingly handsome, making it valuable for bunching to be sold at the market. It is free from the tough, coarse flesh so often found in small onions, and is of such a delicate flavor that it can be eaten raw with salt like radishes. Pkt. 10c, oz. 20c, 1-4 lb. 60c, lb. \$2.00.

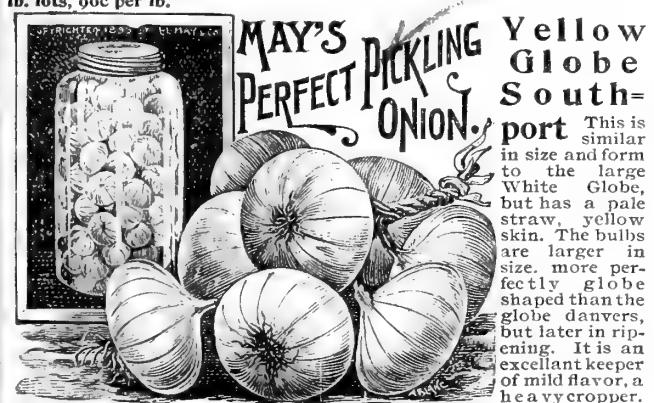
**White Queen.** (See cut.) One of the best pickling sorts. Pkt. 5c, oz. 15c, 1-4 lb. 60c, lb. \$2.00.

**White Tripoli.** Large size, mild and of excellent flavor. Pkt. 5c, oz. 15c, 1-4 lb. 50c, lb. \$1.75.

**Yellow Danvers Flat.** A good onion for home or market use. A trifle flatter than the Yellow Globe Danvers. Pkt. 5c, oz. 10c, 1-4 lb. 35c, lb. \$1.00.

**Yellow Globe Danvers.** (Minnesota Grown.) This, Red Wethersfield and Red Wonder are the three onions for market gardeners, immensely productive and good keepers. Large size, globe shaped, small neck, fine flavor, mild and early; in fact, about all that is required to make a first-class onion for either home or market use. Our seed is carefully saved from selected bulbs and is of the highest germinating quality. Crops of 700 and 800 bushels per acre are frequently raised from the seed. Pkt. 5c, oz. 10c, 1-4 lb. 35c, 1-2 lb. 55c, lb. \$1.00; by express in 5 lb. lots, 90c per lb.

**MAY'S PERFECT PICKLING ONION.** This is similar in size and form to the large White Globe, but has a pale straw, yellow skin. The bulbs are larger in size, more perfectly globe shaped than the globe danvers, but later in ripening. It is an excellant keeper of mild flavor, a heavy cropper.



Pkt. 5c, oz. 15c, 1-4 lb. 40c, lb. \$1.25.

**Yellow New Imperial.** (See cut. One fourth natural size.) A wonderful variety of German origin introduced by us several years ago, and which at once sprung into popular favor, increasing each year, until now its sales are nearly as large as White Globe or Red Wethersfield. It is one of the handsomest, and most profitable onions that can be grown, and certain to become a favorite with the market gardener on account of its size, solidity and splendid quality. The color of the skin is a light yellow, flesh solid and fine grained. **Yields of from 800 to 1100 bushels per acre are frequently reported.** We advise every one who has a garden to try our Imperial this year. Pkt. 10c, oz. 30c, 1-4 lb. 90c, lb. \$2.75.

**Yellow Prize-Taker.** A globe-shaped variety. Skin of a bright straw color; flesh white, sweet, tender and very mild. Pkt. 5c, oz. 15c, 1-4 lb. 40c, lb. \$1.25. By express, in 5 lb. lots \$1.15 per lb.

**Yellow Strasburg.** (See cut.) One of the oldest flat varieties. Flesh, white, fine grained and of mild flavor. Pkt. 5c, oz. 10c, 1-4 lb. 30c, lb. \$1.00. By express in 5 lb. lots, 90c per lb.

**Yellow Giant Rocca.** (See cut.) Productive and mild; of large size. Pkt. 5c, oz. 10c, 1-4 lb. 35c, lb. \$1.35.

**ONION SETS.** Onion sets should be planted out as soon as ground is in condition to work, early in the spring. They should be planted in rows one foot apart with sets 3 to 4 inches apart in the row. Notice—Prices by the bushel are subject to fluctuation of the market, but the prices quoted on qts., postpaid will hold good throughout the season, or as long as our stock allows.

**White Bottom.** Pkt. 20c, qt. 35c, postpaid; pk. \$1.00 bu. \$3.00

**Red Bottom.** Pkt. 20c, qt. 35c, postpaid; pk. 85c bu. \$2.50.

**Potato Onion Sets** Pkt. 25c, qt. 40c, pk. \$1.25, bu. \$4.50.

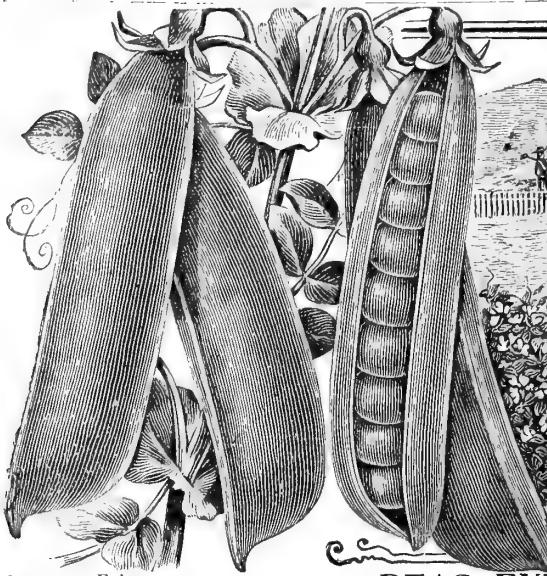
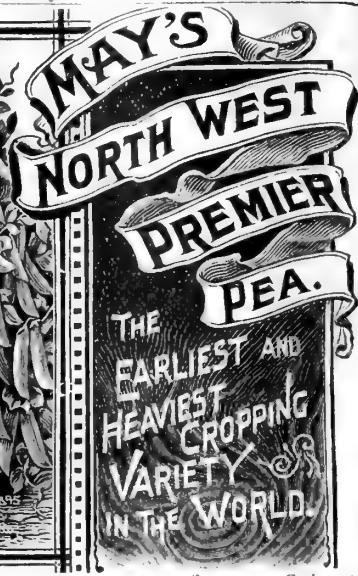
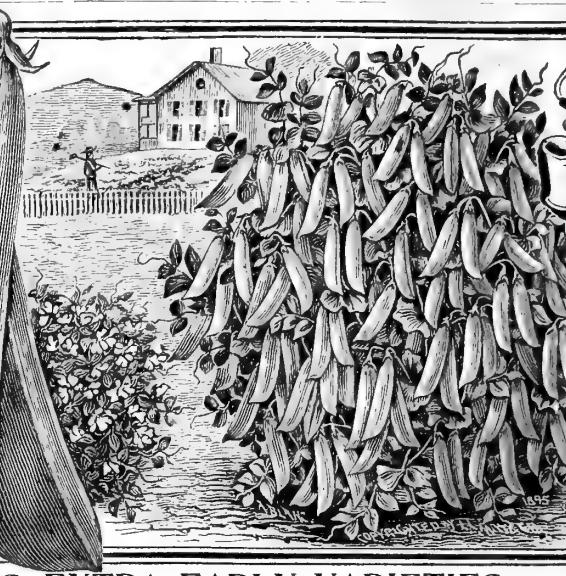
**Top Sets.** Pkt. 20c, qt. 35c, pk. 85c, bu. \$2.50.

**White Multipliers.** Pkt. 25c, qt. 40c, pk. \$1.40, bu. \$5.00.

**Perennial or Egyptian.** Grown extensively for producing green onions for spring or fall use. They are perfectly hardy and stay in the ground all the time.

Pkt. 20c, qt. 35c, pk. 85c, bu. \$2.50.

**NEW IMPERIAL**

GERMAN—Erbsen.  
FRENCH—Pois.SPANISH—Guizante  
SWEDISH—Arter.

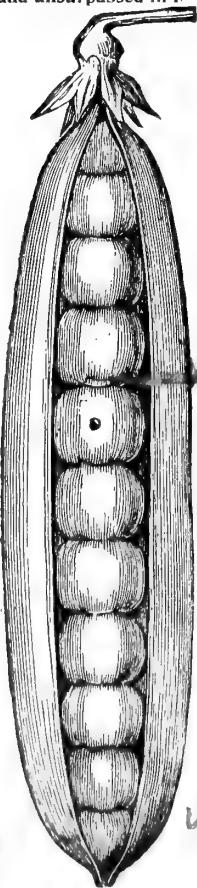
## PEAS, EXTRA EARLY VARIETIES.

1 quart for 75 feet of drill; 2 to 3 bushels in drills to the acre.

**CULTURE**—For early peas the soil should be light and warm, but for general crop a moderately heavy soil is better. Fresh manure, very rich or wet mucky soil should be avoided, as they cause a rank growth of vine at the cost of the quality of the peas; such soil is often the cause of early sorts maturing unevenly. Sow as early as possible, a few of the earliest varieties on warm quick soil, prepared the fall before. The general crop can be delayed until later, but we have met with better success from sowing all the varieties comparatively early, depending for succession upon selecting sorts that follow each other in ripening. The peas will mature earlier if covered only one inch deep, and where earliness is the most important thing, they may be treated in that way; but larger pods and more of them will be produced if the seed is planted in trenches three to six inches deep, covered with only one or two inches of soil, and when the plants are five to six inches high, filling the trench level with the surface; this will secure deep rooting, prevent mildew and prolong the bearing season. If the peas are covered to the full depth at first, or if water is allowed to stand in the trenches, they will not make a good stand of healthy plants. The crop should be gathered as fast as it is fit for use. If even a few pods begin to ripen, new pods will not only cease to form, but those partly advanced stop growing.

**Northwest Premier.** (See cut.) Ten days earlier than any other pea. The most profitable variety for market gardeners. Give it a trial. Unequalled in yield and unsurpassed in flavor. If you desire a variety of even growth, wonderful yield and the finest flavor, you should not fail to try the Premier. Thousands of large market gardeners prefer it to any other sort for early marketing; this alone is a splendid testimonial.

When we first introduced this pea we were determined to perfect it so that it would take the lead of all other early sorts; this we have succeeded in doing. It grows to a height of 20 to 30 inches, does not require staking, is an immense cropper. The genuine stock of this variety can only be procured from us. Pkt. 10c, 3 pkts. 25c, pt. 30c, qt. 50c, pk. \$1.50, bu. \$5.00.



GRADUS.

Prices quoted on peas by the packet, pint or quart include the prepayment of postage by us; if wanted by express or freight, deduct 8c per pint, 15c per quart. Express or freight always means purchaser pays transportation charges.

## Extra Early Kent.

Vines vigorous and hardy, 2 to 2½ feet high; pods bearing 3 to 7 medium sized smooth peas of good quality. The dry peas are medium sized, smooth, yellowish white. Pkt. 5c, pt. 20c, qt. 35c, pk. \$1.25, bu. \$4.50. First and Best. A vigorous grower, hardy and very productive; grows about 2½ feet high. Pkt. 5c, pt. 20c, qt. 35c, pk. \$1.25, bu. \$4.50.

**Alaska.** (See cut.) Extra early. Undoubtedly one of the very earliest varieties that can be grown, and a great favorite with market gardeners. The vines are of strong vigorous habit about 2 to 2½ feet in height, and bear from 4 to 7 long pods that are always filled with medium sized peas of the most delicious flavor. The pods are of a dark green color, and the peas when ripe are rather small and of a bluish green shade. As it matures all the crop at one time, it is invaluable for large growers on account of the ease with which they may be gathered. We have carefully selected our stock of this variety, and believe it is the purest strain that can be procured. Pkt. 5c, pt. 20c, qt. 35c, pk. \$1.25, bu. \$4.50.

**Dexter.** An extra early sort; grows to the height of 20 inches; an immense cropper. Pkt. 5c, pt. 20c, qt. 35c, pk. \$1.25, bu. \$4.50.



ALASKA.

**Gradus.** (See cut.) A decided novelty in peas and one that is certain to become a great favorite as soon as well known. The pods are of large size and resemble the Telephone in shape, always well filled with peas of the finest flavor. It ripens very quickly and must be picked as soon as fit for use. The vines are of unusually vigorous habit, growing about three feet in height and bearing long straight pods a trifle round at the point. The seed peas are extra large, wrinkled and of a creamy color. This is the first of the new class of peas and highly recommended by J. H. Allen, one of the largest growers of peas in America. Pkt. 10c, pt. 35c, pk. \$3.00.

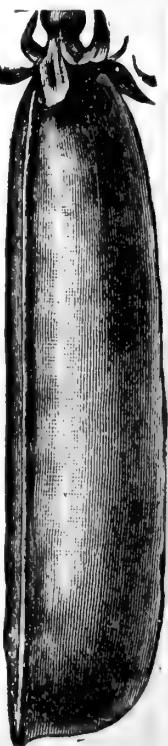
**Maud S.** One of the best first early peas for market or private use. Vines about 2 feet high. Pods large, well filled with dry peas, medium size, smooth, white. Pkt. 5c, pt. 20c, qt. 35c, pk. \$1.25, bu. \$4.50.

**Philadelphia Extra Ea.** Grows from 25 to 30 inches high, and produces good sized pods containing from 6 to 9 peas of splendid quality. One of the most productive extra early sorts ever introduced. Pkt. 5c, pt. 20c, qt. 35c, pk. \$1.25, bu. \$4.50.

**Rural New Yorker.** An extra standard variety. Pkt. 5c, pt. 20c, qt. 35c, pk. \$1.25, bu. \$4.50.

**SUNOL, MAY'S EXTRA EARLY**

(See cut.) Grown extensively for early marketing. An extra early variety growing about 2½ feet in height and of vigorous growth, each stalk bearing from 5 to 7 pods containing about 6 peas of splendid flavor. Pkt. 5c, pt. 20c, qt. 35c, pk. \$1.25, bu. \$4.75.



SUNOL.

## PEAS, EARLY DWARF.

**American Wonder.** It is of dwarf habit, only growing about ten or twelve inches high, but always produces a profusion of well filled pods of the richest flavor. Peas planted in June matured in thirty-three days; this is certainly a good record and one that can't be equaled by many varieties. The quick growing healthy habit of American Wonder has made it a great favorite for both market and home gardens. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.75, bu. \$6.50.

**McLean's Little Gem.** The market gardener's favorite; grows about 17 inches high; the pods are large and peas very sweet. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.50, bu. \$5.25.

**Nott's Excelsior.** Grows 15 inches high; claimed to be the best wrinkled sort ever introduced. The vines are strong in growth producing pods of large size. Trials in different sections show that it can be made to mature in 45 days from time of planting. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.75, bu. \$6.50.

**Premium Gem.** A popular sort; grows about 15 inches high; very productive; pods large, well filled. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.50, bu. \$5.25.

### MEDIUM AND LATE TALL.

**Black Eye Marrowfat.** Similar to White Marrowfat, excepting the matured seed having a distinct black eye. Pkt. 5c, pt. 25c, qt. 40c, pk. 75c, bu. \$2.50.

**Champion of England.** An old and favorite sort, hardy and productive, producing large tender pods; height 4 feet, seed wrinkled. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.10, bu. \$4.00.

**Dwarf Gray Sugar.** For description see list of specialties.

**Tall Gray Sugar.** For description see list of specialties.

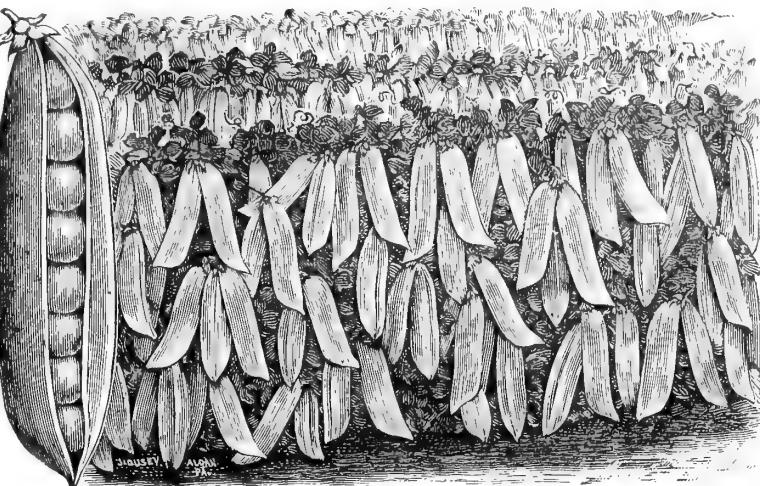
**Mammoth Melting Sugar.** For description see list of specialties.

**Improved Tom Thumb.** Very dwarf in habit, grows to the height of 9 inches. The peas are small, white, round; very productive. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.50, bu. \$5.25.

**Long Island Mammoth.** Very popular with market gardeners, who want a large handsome pod of deep green color; height 3 feet. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.25, bu. \$5.00.

**Tall White Marrowfat.** Hardy, strong and vigorous; broad, thick pods, borne near the top of the vine; the seeds are large, smooth, round. Pkt. 5c, pt. 25c, qt. 45c, pk. 75c, bu. \$2.50.

**Telephone.** (See cut.) Valuable for general crop and late use. The vines are of vigorous growth, usually attaining a height of about 4 feet, and averaging from 18 to 20 pods to a stalk. The pods are always of extra large size packed very closely with mammoth peas of the most delicious flavor. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.25, bu. \$5.00.



### DWARF TELEPHONE.

**Heroine.** (See cut.) Elegant habit of growth, pods remarkably long, slightly curved, well filled, and of fine flavor; height 2 feet, seed wrinkled. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.25, bu. \$4.50.

**Horsford's Market Garden.** Resembling in growth the Premium Gem; one-third longer, 10 days later. Pods produced in pairs in great profusion. Pkt. 5c, pt. 20c, qt. 35c, pk. \$1.25, bu. \$4.25.

**May's Midsummer.** Medium early. It grows to a height of about 18 inches and bears heavily about two or three weeks later than our Northwest Premier. The peas are wrinkled, very sugary and the pods are always well filled. It is about as near perfection for summer use as a pea can be. Pkt. 15c, pt. 25c, qt. 45c, pk. \$1.25, bu. \$4.25.

**Pride of the Market.** Medium early. They require no sticks, and are quite unequalled in productiveness. They have a robust, free-branching habit, 18 to 20 inches high, and are immensely productive. Pods are large in size and handsome in appearance, the peas of so splendid a quality that it would be difficult to overpraise them. Pkt. 5c, pt. 20c, qt. 35c, pk. \$1.25, bu. \$5.00.

**Royal Dwarf Marrow.** Grows from 3 to 3 1/2 feet in height; large, broad, thick pods are borne near the top of the vine; extensively used by canners; seed large, round, white. Pkt. 5c, pt. 25c, qt. 45c, pk. 75c, bu. \$2.75.

**Yorkshire Hero.** As thoroughly well known as any pea of merit; of rather dwarf habit. It grows from 25 to 30 inches in height, bearing its pods well up at the top of the vines; a favorite with market gardeners. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.00, bu. \$4.00.

### MEDIUM AND LATE HALF DWARF.

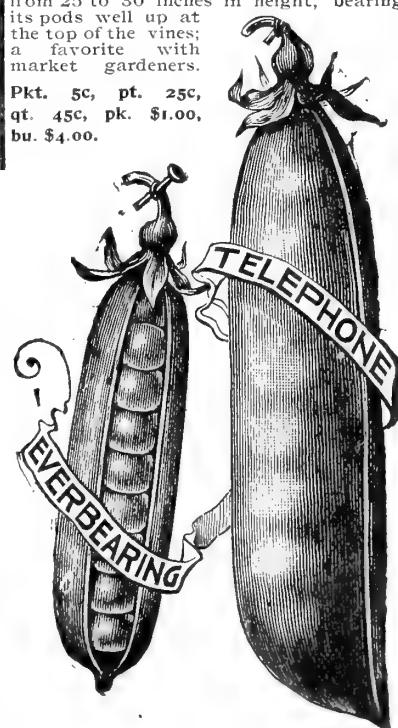
**Abundance.** Vigorous in growth, producing pods in great abundance, hence its name; seed wrinkled; height 20 inches. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.25, bu. \$4.25.

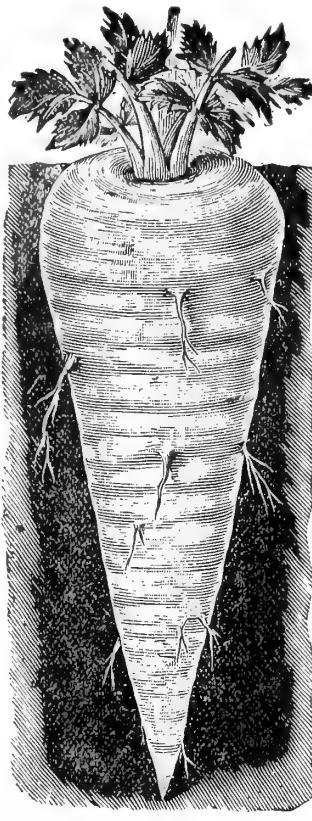
**Advancer.** A great favorite and largely used by market gardeners; pods large, well filled, borne at the top of the stalk; very vigorous in growth; height 2 feet; seed green, wrinkled. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.25, bu. \$4.25.

**Carter's Stratagem.** Of vigorous habit; with good culture a heavy cropper; height 2 feet, seed large, wrinkled; a favorite with market gardeners. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.25, bu. \$5.00.

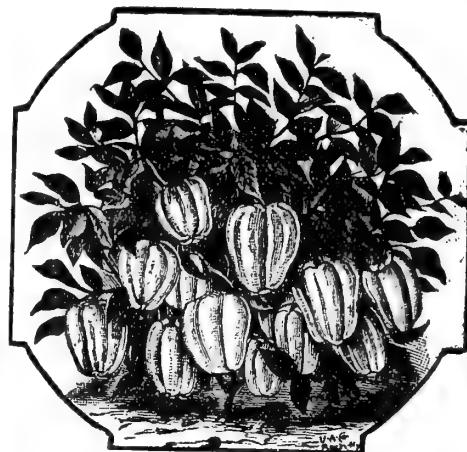
**Dwarf Telephone.** (See cut.) This variety is the result of many years' experimenting, with the view of producing a pea with dwarf vines, bearing large pods and peas of the highest quality. Its habit is dwarf, stocky, healthy and vigorous; the vines under highest cultivation never growing more than 18 inches high. It is very productive, many plants bearing from five to seven pods. The pods are of the largest size, 4 to 5 inches in length, and well filled with large peas of the most delicious quality. The season is from five to seven days earlier than the Stratagem, and it is a remarkably good shipping variety. Pkt. 20c, pt. 35c, qt. 60c, pk. \$2.50.

**Everbearing.** (See cut.) A variety that is desirable for main crop or late use. The vines are of healthy habit, about 18 inches in height, bearing at the top from 6 to 9 pods. The peas are wrinkled, extra large and of the finest quality. Continues to produce peas in great profusion for several weeks, and is therefore exceedingly desirable for home use. Pkt. 5c, pt. 20c, qt. 40c, pk. \$1.25, bu. \$4.25.





MAGNUM BONUM.



MAY'S FERN LEAVED.

### CELESTIAL. PARSLEY.

GERMAN—Petersilie.  
SWEDISH—Persilja.

1 ounce to 150 feet of drill.

**CULTURE**—A rich, tolerably deep soil is the best for this crop. Soak the seed a few hours in tepid water and sow in the early spring in drills one foot apart. Thin out the plants to 3 or 4 inches apart. A single row forms a very good edging for beds or walks. As the seed germinates very slowly, sometimes two or three weeks will elapse before the plants make any appearance. We desire to call particular attention to our Extra Curled, which is a most desirable variety.

**Champion Moss Curled.** A very select stock; leaves are beautifully curled and crimped. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 75c.

**May's Extra Curled.** A most desirable free growing variety of medium size, with handsome, bright, pale green leaves that are exceedingly showy. For garnishing and for decoration it surpasses any other varieties we have ever grown. Valuable for private gardens or for market use. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 75c.

**Hamburg.** A fleshy rooted sort; roots are used for flavoring soups. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 50c.

**May's Fern Leaved.** (See cut.) A most valuable plant, both for table decoration and mixed with dwarf ornamental foliage plants in the flower garden. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 75c.

**Plain Parsley.** Hardier, and the leaves are longer and of a darker green than the Curled; better flavored for seasoning; valuable for feeding sheep. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 50c.



GOLDEN QUEEN.

GERMAN—Pastinake. SWEDISH—Palsternacka.  
FRENCH—Panais. SPANISH—Pastinaca.

**CULTURE**—Parsnips give the best results when grown in a rich, deep, sandy soil, but will make fair progress on any soil which is rich, deep and porous. The mistake of having too much fresh manure is often made; this simply serves to force the growth, and frequently produces roots which are coarse and of rough shape. The seed germinates slowly and should be sown early in the spring in drills about 2 feet apart, covering about  $\frac{1}{2}$  inch deep. Thin out to 4 or 5 inches apart and hoe and cultivate often to keep down all weeds. In making up your list don't fail to include Magnum Bonum, the sweetest, smoothest and undoubtedly the finest flavored variety ever introduced.

**Early Round French.** The earliest variety. The roots are quite broad, short, and are entirely distinct from the larger sorts. Pkt. 10c, oz. 15c, 1-4 lb. 20c, lb. 50c.

**Student.** A half-long variety of fine flavor. Pkt. 5c, oz. 10c, 1-4 lb. 15c, lb. 40c.

**Hollow Crown.** Roots oblong, ending somewhat abruptly, with a small tap root; grows mostly below the surface; has a very smooth, clean skin and is easily distinguished by the leaves arising from a cavity on the top of crown of the root. Pkt. 5c, oz. 10c, 1-4 lb. 15c, lb. 40c.

**Improved Guernsey.** Half long; the roots do not grow so long as the Hollow Crown, but are larger in diameter and more easily gathered; smooth, fine grained and of most excellent quality. Pkt. 5c, oz. 10c, 1-4 lb. 15c, lb. 40c.

**Large White Sugar.** A splendid sort, excellent flavor, tender and sweet. One of the best varieties. Pkt. 5c, oz. 10c, 1-4 lb. 15c, lb. 40c.

**Magnum Bonum.** (See cut.) A most excellent variety introduced from Europe. The roots are oblong and grow mostly below the surface. The flesh is simply delicious, being solid, tender and very sweet. If you want the best parsnip that can be secured, don't fail to try this variety. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 50c.

GERMAN—Pfeffer. SWEDISH—Peppar.  
FRENCH—Piment. SPANISH—Pimiento.

1 ounce of seed for 1,000 plants.

**CULTURE**—Seed may be sown in hotbeds or cold frame and transplanted about the middle of May in a sunny location in rows 18 inches to 2 feet apart. For later use sow seed in the open ground in the early summer after the weather has become settled and the transplant when the plants are about 4 inches in height. They prefer earth warm, and transplant into good, rich, mellow ground, and the earth should be well pulverized to the depth of 8 or 10 inches.

**Cardinal.** A new and distinct variety, growing from 6 to 7 inches in length, broad at the top and tapering to a point. Color a brilliant red. Flesh thick 5c, oz. 25c, 1-4 lb. 75c, lb. \$2.50.

**Celestial.** (See cut.) A new and valuable variety introduced from China. The peppers are a delicate yellow color until almost ripe and then change to an intense scarlet. Fine quality and a very sharp flavor. Pkt. 5c, oz. 25c, 1-4 lb. 75c, lb. \$2.50.

**Golden Queen.** (See cut.) The best variety in cultivation. They grow from 8 to 10 inches in length, and are the handsomest and most productive of all the peppers. Color a bright golden yellow, and very mild in flavor. Pkt. 10c, oz. 25c, 1-4 lb. 75c, lb. \$2.50.

**Golden Dawn.** (See cut.) A new variety resembling the Large Bell in shape, but more delicate in flavor, and the color is a rich golden yellow. Pkt. 5c, oz. 20c, 1-4 lb. 60c, lb. \$2.00.

**Large Bell, or Bull Nose.** An old variety of large size, which is considered very fine for use in mixed pickles. The flesh is hard, thick and less pungent than most varieties. Color glossy red. Pkt. 5c, oz. 20c, 1-4 lb. 60c, lb. \$2.00.

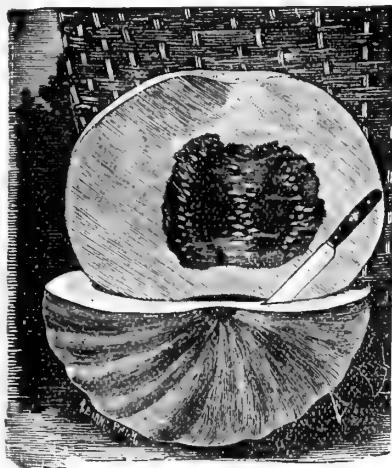
**Long Red Cayenne.** A long, slim pod, rather pointed, and when ripe of a bright red color. Extremely strong and pungent, and is the sort used for commercial purposes. Pkt. 5c, oz. 20c, 1-4 lb. 60c, lb. \$2.00.

**Red Cluster.** As the name indicates, it grows in bunches at the end of each branch. The thin peppers are of a brilliant coral red color and very hot in flavor. Pkt. 5c, oz. 30c, 1-4 lb. \$1.00, lb. \$3.00.

**Ruby King.** An exceedingly handsome variety of enormous size, often measuring 6 inches in length and 9 inches in circumference. Unlike other kinds, as the flavor is very mild. Pkt. 5c, oz. 20c, 1-4 lb. 60c, lb. \$2.00.

**Small Chili.** Bright red; the best variety for pepper sauce. Pkt. 5c, oz. 25c, 1-4 lb. 75c, lb. \$2.50.

**Sweet Mountain.** Fruit of large size, often measuring 8 or 10 inches in length by 2 or 3 in diameter. Smooth, handsome in appearance, flesh solid, thick, sweet and very mild. Pkt. 10c, oz. 20c, 1-4 lb. 65c, lb. \$2.25.



NANTUCKET NEGRO.

be taken to avoid planting them near other vines. In growing the French Prize, make the ground as rich as possible and top dress the hill with well rotted manure, and if possible give the plants plenty of water during the dry season. This will assist in the growth greatly.

**Cashaw.** (See cut.) Very popular in the Southern states. In shape it is long and with a crooked neck, color yellow. The flesh is very solid, fine grained and sweet.

Pkt. 5c. oz. 10, 1-4 lb. 20c, 1-2 lb. 35c, lb. 65c.

**Connecticut Field.** (See cut.) A very productive old standard sort that is grown almost exclusively for stock feeding purposes. Pkt. 5c. oz. 10c, 1-4 lb. 15c, lb. 25c.

**French Prize.** (See cut.) A giant variety introduced into this country from France. Just the variety to grow if you want to take the First Prize at your County or State Fair this coming season. It grows to an enormous size, single specimens having been known to weigh nearly 300 pounds. Although it attains such a large size, the flesh remains tender, thick and sweet. **We have obtained our seed direct from large growers and are headquarters for it in America.** Thousands of packets sold last season. Order early if you want to try this giant pumpkin. Pkt. 10c, oz. 25c.

**Golden Oblong.** Orange skin, light yellow flesh; fine quality, good keeper. Pkt. 5c, oz. 10c, 1-4 lb. 30c, lb. \$1.00.

**Japanese Pie.** (See cut.) This valuable variety comes to us from Japan, and has proven to be a decided acquisition, being particularly desirable for cooking purposes. It will make the finest "pumpkin pies" imaginable, as the flesh is very fine grained, thick, and of the most delicious flavor. Pkt. 5c. oz. 10c. 1-4 lb. 20c, 1-2 lb. 35c, lb. 65c.

**Large Cheese or Kentucky Field.** (See cut.) Very popular and productive; fruit flattened; skin mottled

light green and yellow, changing to rich cream color as it matures. Flesh yellow, thick, tender, nutritious and of excellent quality. Pkt. 5c. oz. 10c, 1-4 lb. 15c, lb. 40c.

**Mammoth Red Etampes.** (See cut.) A perfect giant, often growing to weigh from 100 to 150 pounds; flesh thick, bright red, and of fair quality for a pumpkin attaining such a size. Pkt. 5c. oz. 10c, 1-4 lb. 25c, 1-2 lb. 45c, lb. 85c.

**May's "King of the Field."** (See cut.) This is a greatly improved field variety, which is particularly desirable for stock feeding.

It attains a good size, the flesh is fine grained, a rich yellow and of splendid quality. It is a wonderfully productive sort, our selected seed giving about fifty per cent larger yield per acre than any other stock feeding pumpkin we have ever grown. Pkt. 5c. oz. 10c, 1-2 lb. 25c, lb. 40c.

**Mammoth Tours.** 1-2 lb. 45c, lb. 85c.

**Nantucket Negro.** (See cut.) Vines vigorous and very productive; skin a very dark green; flesh thick and of a rich orange color; they weigh from 12 to 15 pounds and will keep for a year. Pkt. 5c. oz. 10c, 1-4 lb. 20c, lb. 65c.

**Quaker Pie.** (See cut.) As seen by our illustration, it is of a peculiar shape, being a trifle pointed or oval shaped at each end. The skin and flesh are a creamy yellow color. For making pies it is especially desirable, the flesh being fine grained and sweet. Pkt. 5c. oz. 10c, 1-4 lb. 20c, lb. 75c.

**Sugar.** (See cut.) A standard variety extensively grown for general crop. Grows to an average weight of 5 pounds. Fine grained, sweet and prolific; small yellow. Pkt. 5c. oz. 10c, 1-4 lb. 20c, 1-2 lb. 35c, lb. 60c.

**Tennessee Sweet Potato.** (See cut.) The best variety for home gardens.

As will be seen by illustration they are almost pear-shaped, growing to a large size; are slightly ribbed and the skin is of a creamy white. The flesh is thick, of a yellowish white color, dry, fine grained and of a sweetish flavor. Vines are enormously productive. Pkt.

5c. oz. 10c, 1-4 lb. 20c, lb. 65c.



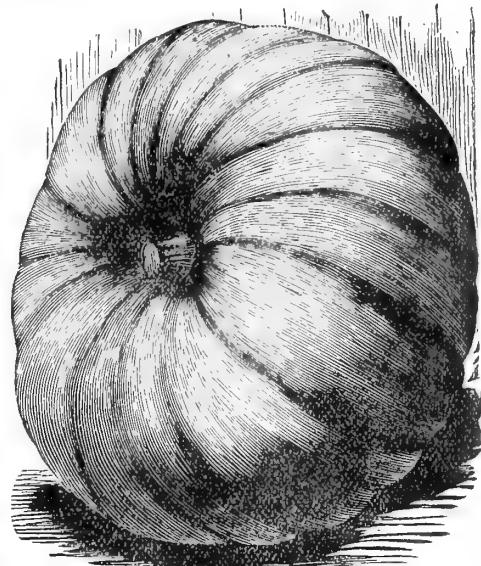
KING OF THE FIELD.

## PUMPKINS.

GERMAN—Kurbis.  
SWEDISH—Pumpa.

FRENCH—Courge.  
SPANISH—Calabaza.

**CULTURE**—Pumpkins may be planted in the middle of spring among corn or in the field or garden in hills 8 to 10 feet apart each way, four seeds in a hill. In all other respects they are given the same cultivation as melons and cucumbers, but care should



FRENCH PRIZE.



MAMMOTH RED ETAMPES.

(See cut.) This is a greatly improved field variety, which is particularly desirable for stock feeding.

It attains a good size, the flesh is fine grained, a rich yellow and of splendid quality. It is a wonderfully productive sort, our selected seed giving about fifty per cent larger yield per acre than any other stock feeding pumpkin we have ever grown. Pkt. 5c. oz. 10c, 1-2 lb. 25c, lb. 40c.

**Conn. Field.** (See cut.) Very productive and of enormous size. Flesh thick and sugary; fine for table use. Pkt. 5c. oz. 10c, 1-4 lb. 25c, 1-2 lb. 45c, lb. 85c.

**Tennessee.** (See cut.) Vines vigorous and very productive; skin a very dark green; flesh thick and of a rich orange color; they weigh from 12 to 15 pounds and will keep for a year. Pkt. 5c. oz. 10c, 1-4 lb. 20c, lb. 65c.

**Sweet.** (See cut.) Vines vigorous and very productive; skin a very dark green; flesh thick and of a rich orange color; they weigh from 12 to 15 pounds and will keep for a year. Pkt. 5c. oz. 10c, 1-4 lb. 20c, lb. 65c.

**Quaker Pie.** (See cut.) As seen by our illustration, it is of a peculiar shape, being a trifle pointed or oval shaped at each end. The skin and flesh are a creamy yellow color. For making pies it is especially desirable, the flesh being fine grained and sweet. Pkt. 5c. oz. 10c, 1-4 lb. 20c, lb. 75c.

**Japanese.** (See cut.) Vines vigorous and very productive; skin a very dark green; flesh thick and of a rich orange color; they weigh from 12 to 15 pounds and will keep for a year. Pkt. 5c. oz. 10c, 1-4 lb. 20c, lb. 65c.

**Cashaw.** (See cut.) Vines vigorous and very productive; skin a very dark green; flesh thick and of a rich orange color; they weigh from 12 to 15 pounds and will keep for a year. Pkt. 5c. oz. 10c, 1-4 lb. 20c, lb. 65c.

**Large Cheese.** (See cut.) Vines vigorous and very productive; skin a very dark green; flesh thick and of a rich orange color; they weigh from 12 to 15 pounds and will keep for a year. Pkt. 5c. oz. 10c, 1-4 lb. 20c, lb. 65c.

**Sugar.** (See cut.) A standard variety extensively grown for general crop. Grows to an average weight of 5 pounds. Fine grained, sweet and prolific; small yellow. Pkt. 5c. oz. 10c, 1-4 lb. 20c, 1-2 lb. 35c, lb. 60c.

**Tennessee Sweet Potato.** (See cut.) The best variety for home gardens.

As will be seen by illustration they are almost pear-shaped, growing to a large size; are slightly ribbed and the skin is of a creamy white. The flesh is thick, of a yellowish white color, dry, fine grained and of a sweetish flavor. Vines are enormously productive. Pkt.

5c. oz. 10c, 1-4 lb. 20c, lb. 65c.

**Conn. Field.** (See cut.) Very productive and of enormous size. Flesh thick and sugary; fine for table use. Pkt. 5c. oz. 10c, 1-4 lb. 25c, 1-2 lb. 45c, lb. 85c.

**Tennessee.** (See cut.) Vines vigorous and very productive; skin a very dark green; flesh thick and of a rich orange color; they weigh from 12 to 15 pounds and will keep for a year. Pkt. 5c. oz. 10c, 1-4 lb. 20c, lb. 65c.

**Sweet.** (See cut.) Vines vigorous and very productive; skin a very dark green; flesh thick and of a rich orange color; they weigh from 12 to 15 pounds and will keep for a year. Pkt. 5c. oz. 10c, 1-4 lb. 20c, lb. 65c.

**Quaker Pie.** (See cut.) As seen by our illustration, it is of a peculiar shape, being a trifle pointed or oval shaped at each end. The skin and flesh are a creamy yellow color. For making pies it is especially desirable, the flesh being fine grained and sweet. Pkt. 5c. oz. 10c, 1-4 lb. 20c, lb. 75c.

**Japanese.** (See cut.) Vines vigorous and very productive; skin a very dark green; flesh thick and of a rich orange color; they weigh from 12 to 15 pounds and will keep for a year. Pkt. 5c. oz. 10c, 1-4 lb. 20c, lb. 65c.

**Cashaw.** (See cut.) Vines vigorous and very productive; skin a very dark green; flesh thick and of a rich orange color; they weigh from 12 to 15 pounds and will keep for a year. Pkt. 5c. oz. 10c, 1-4 lb. 20c, lb. 65c.

**Large Cheese.** (See cut.) Vines vigorous and very productive; skin a very dark green; flesh thick and of a rich orange color; they weigh from 12 to 15 pounds and will keep for a year. Pkt. 5c. oz. 10c, 1-4 lb. 20c, lb. 65c.

ENG'D FOR MAY'S

CHARLES R. CHAMBERS, ENGR.

FRENCH—Radis.  
GERMAN—Rettig.

## RADISHES.

SPANISH—Rabano.

The radish is cultivated for its root, which should be eaten when young and tender, as in maturing it becomes strong, tough and pithy. It should be sown for early use as soon as the ground can be well prepared, and for succession, at intervals of two or three weeks throughout the season, in rich, loose, warm soil, as the quality depends largely on its rapid growth. Sow in rows a foot apart, and thin to two inches in the row by using the largest ones as soon as of sufficient size for the table. Keep free from weeds and well watered. In the heat of summer select a cool, shady place.

**Deep Scarlet (FORCING)** Globe shaped, early and very fine, Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 65c.

**Golden Globe.** Early; of fine quality. A very rapid grower. Pkt. 10c, oz. 20c, 1-4 lb. 40c, lb. \$1.25.

**Non Plus Ultra (FORCING)** Extra Early, scarlet. Short leaved. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 75c.

**Philadelphia White Box (FORCING)** Particularly adapted for growing under glass. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 75c.

**Queen of the Market (FORCING)** (See cut.) The earliest turnip-shaped radish in the market. A rapid grower, being ready for use a week or ten days ahead of the Early Scarlet Turnip and remains crisp and tender longer than any radish of its shape. Pkt. 10c, oz. 15c, 1-4 lb. 30c, lb. \$1.00.

**Rosy Queen (FORCING)** The most beautiful radish ever offered. It is valuable for private or early marketing. Pkt. 10c, oz. 20c, 1-4 lb. 35c, lb. \$1.25.

**Early Scarlet Turnip (FORCING)** Very early, small, round. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.

**Scarlet Turnip White Tip** Scarlet, with white tip. Fine for marketing. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 65c.

**Triumph (FORCING)** For description see list of specialties. Flesh and skin pure white. Tender and crisp. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.

**White Turnip.** Root round, tender and crisp. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.

**White Summer Turnip.** Root round, tender and crisp. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.

**Yellow Summer Turnip.** Similar to the above excepting color of skin. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.

## OLIVE SHAPE.

**Delicacy (FORCING)** Extra early, semi-long, snow white, smooth, crisp and tender. Pkt. 10c, oz. 20c, 1-4 lb. 35c, lb. \$1.25.

**Extra Early Carmine (FORCING)** An excellent forcing variety; shortleaved deep scarlet, olive shaped. Very tender. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.

**French Breakfast (FORCING)** The market gardeners' favorite; color, pink and white; crisp, tender and a good keeper. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.

**Chartier** (FORCING) A splendid long radish of a bright scarlet color. The flesh is mild, tender and of excellent quality. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 55c.

**Woods' Early Frame (FORCING)** A long white radish of a bright scarlet color. The flesh is mild, tender and of excellent quality. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 55c.

**Long White Naples.** An early variety. Skin white; flesh fine grained, crisp and of good flavor. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.

**White Strasburg.** Grows to an immense size, and can be used at almost any stage of growth. The roots when fully matured often measure 5 inches long and over 2 inches in diameter, being crisp and tender and of fine flavor. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.

**Giant White Stuttgart.** A favorite German radish of quick growth. Large size, shaped like a large top; flesh and skin white; fine quality, firm and brittle—never pithy. Can be stored for winter use. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.

**Icicle.** For description see list of specialties.

**Lady-Finger.** A long, slender, straight and smooth white radish, very popular for summer use. The flesh is white, tender and crisp and of excellent quality. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.

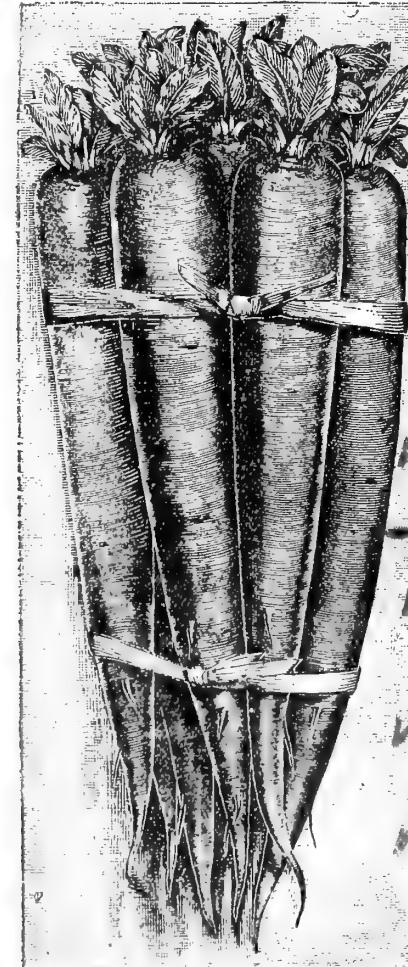
**WINTER SORTS.** The roots are large size and almost black. One of the hardest that can be grown and valuable for winter use. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 55c.

**Black Spanish, Long.** Roots are almost round, flesh solid, crisp and tender. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 75c.

**Black Spanish, Round.** This is the well known favorite winter sort. Radishes round in form, two inches or more in diameter, with a blackish brown skin; flesh pure white, hard and crisp, and extremely pungent. Roots are pared, sliced, and placed in vinegar when wanted for use. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 55c.

**California White Mammoth.** Root about a foot in length and three inches thick, tapering regularly to a point. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.

**China Rose.** A large oval or tapering sort, growing one-half above the surface, one and one-half inches in diameter, and eight inches in length. The skin in the upper portion is of a bright, deep scarlet, shading to deep carmine rose in the portion growing beneath the surface. Flesh pure white, crisp, solid and mildly pungent. A splendid keeper for winter use. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60.



CINCINNATI MARKET.



SCARLET OLIVE SHAPE.

Shape oblong, skin scarlet; flesh pink, tender. Very fine. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.

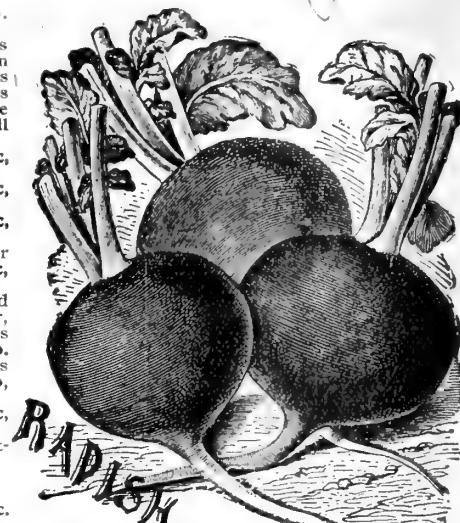
**Scarlet Globe (FORCING)** Roots are almost round, flesh solid, crisp and tender. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 75c.

**White Olive Shape.** Flesh white, tender and of excellent quality. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.

## LONG RED.

**Chartier.** (See cut.) The color at the top is a bright crimson, deepening to pink at the center and from thence downward it is a pure waxy white. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 55c.

**Cincinnati Market.** The tops new radish are very small and may stand much closer in the rows than Wood's Early Frame or Long Scarlet without danger of running to seed. They grow straight and smooth, from 6 to 7 inches long. The flesh is very tender, crisp and delicious, never becoming pithy or hollow. The skin is very thin and of an attractive, bright scarlet color. Pkt. 5c, oz. 10c, 1-4 lb. 25c, lb. 75c.



QUEEN OF THE MARKET.

**Long Brightest Scarlet White Tipped.** A new sort resembling Early Long Scarlet in shape and size. Very early, being fit for use in 24 days after sowing. It is the brightest scarlet we have ever seen in a radish, tips white; a rapid seller on the market. Pkt. 5c, oz. 10c, 1-4 lb. 25c, lb. 75c.

**Long Scarlet Short Top.** The standard long variety for market and home gardens; root long, growing partly above ground; straight, smooth, rich scarlet. Very crisp and a quick grower. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 55c.

**Woods' Early Frame (FORCING)** A splendid long radish of a bright scarlet color. The flesh is mild, tender and of excellent quality. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 55c.

## LONG WHITE.

**Long White Naples.** An early variety. Skin white; flesh fine grained, crisp and of good flavor. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.

**White Strasburg.** Grows to an immense size, and can be used at almost any stage of growth. The roots when fully matured often measure 5 inches long and over 2 inches in diameter, being crisp and tender and of fine flavor. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.

**Giant White Stuttgart.** A favorite German radish of quick growth. Large size, shaped like a large top; flesh and skin white; fine quality, firm and brittle—never pithy. Can be stored for winter use. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.

**Icicle.** For description see list of specialties.

**Lady-Finger.** A long, slender, straight and smooth white radish, very popular for summer use. The flesh is white, tender and crisp and of excellent quality. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.

**WINTER SORTS.** The roots are large size and almost black. One of the hardest that can be grown and valuable for winter use. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 55c.

**Black Spanish, Long.** Roots are almost round, flesh solid, crisp and tender. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 75c.

**Black Spanish, Round.** This is the well known favorite winter sort. Radishes round in form, two inches or more in diameter, with a blackish brown skin; flesh pure white, hard and crisp, and extremely pungent. Roots are pared, sliced, and placed in vinegar when wanted for use. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 55c.

**California White Mammoth.** Root about a foot in length and three inches thick, tapering regularly to a point. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.

**China Rose.** A large oval or tapering sort, growing one-half above the surface, one and one-half inches in diameter, and eight inches in length. The skin in the upper portion is of a bright, deep scarlet, shading to deep carmine rose in the portion growing beneath the surface. Flesh pure white, crisp, solid and mildly pungent. A splendid keeper for winter use. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60.

GERMAN—Rhabarber.  
FRENCH—Rhubarbe.

## RHUBARB.

1 ounce will produce about 1,000 plants.

**CULTURE**—Rhubarb gives the best results when grown in deep, rich soil that has been worked to a depth of at least one foot. Sow in drills one inch deep and thin out the plants to 6 or 8 inches apart. Transplant plants in the early fall, setting them about 4 feet apart each way and give a dressing of coarse manure each spring. The stalks should not be plucked until the second year and the plant never allowed to exhaust itself by running to seed. As will be noticed, we offer carefully saved seed, and want to call particular attention to our Monarch Rhubarb, which is giving such splendid results.

**Monarch.** The largest, strongest growing and best flavored variety that has ever been introduced. Pkt. 10c, oz. 25c, 1-4 lb. 75c, lb. \$2.00.

Large, tender and very fine. Pkt. 5c, oz. 15c, 1-4 lb. 50c, lb. \$1.50.

**Linnaeus.** Very large; later than the Linnaeus. Pkt. 5c, oz. 15c, 1-4 lb. 50c, lb. \$1.50.

**Rhubarb Roots.** First-class roots at \$1.50 per dozen. They are large and will have to be sent by express, purchaser to pay transportation charges. No order accepted for less than one dozen.

## SALSIFY, or Vegetable Oyster.

GERMAN—Hafer-Wurzel. FRENCH—Salsifis. SWEDISH—Bockskagg. SPANISH—Ostra Vegetal.

**CULTURE**—Sow as early as the ground can be worked in the spring, in drills 12 inches apart, 1 inch deep, and thin out to 6 inches in a row. Keep them free from weeds. Cultivate the same as for carrots and parsnips. A part of the crop may be left in the ground until spring, when it will be found fresh and plump.

**Long White.** (See cut.) Pkt. 5c, oz. 10c, 1-4 lb. 35c, lb. \$1.00.

**Mammoth Sandwich Island.** A large and superior variety. Pkt. 5c, oz. 10c, 1-4 lb. 35c, lb. \$1.00.

GERMAN—Spinat. FRENCH—Espinard. SPINACH.

1 ounce for 100 feet of drill; 10 pounds for 1 acre in drills.

**CULTURE**—Sow in early spring, in drills a foot apart, every two weeks for a succession, and as it grows thin out for use. Keep clear of weeds. Sow May's Perfection in hills 3 feet apart each way, 3 or 4 seeds in a hill. This is fit for cutting all summer. For fall use sow in August all the other varieties, and for winter crop in September. Cover that which is left out over winter with straw or leaves after the weather has become quite cold.

**Curled Bloomsdale.** Large, curled and wrinkled; leaves tender and of the finest flavor. Pkt. 5c, oz. 10c, 1-4 lb. 15c, lb. 35c.

**Long Standing.** The best for spring sowing. Leaves large and thick. Stands long before going to seed. Pkt. 5c, oz. 10c, 1-4 lb. 15c, lb. 35c.

**May's Perfection Curled.** A splendid variety with large, thick, finely curled leaves which are produced in large numbers. Pkt. 5c, oz. 10c, 1-4 lb. 15c, lb. 40c.

**New Zealand.** For description see list of specialties.

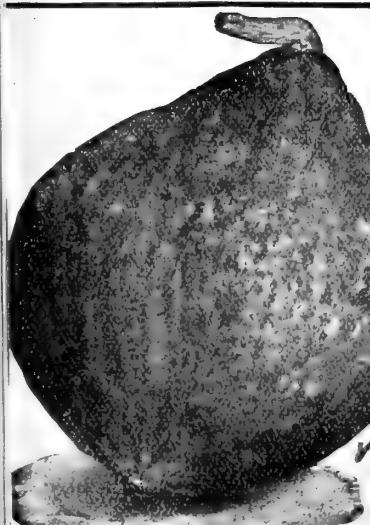
**Prickly Seeded.** Vigorous and hardy and recommended for fall sowing. Pkt. 5c, oz. 10c, 1-4 lb. 15c, lb. 35c.

**Round Leaf.** Produces large, thick dark green leaves and possesses the valuable quality of standing over severe winters with little injury. Pkt. 5c, oz. 10c, 1-4 lb. 15c, lb. 35c.

**Victoria.** Heavy, broad green leaves of fine quality, two or three weeks later than the ordinary long standing. A good variety for spring sowing. Pkt. 5c, oz. 10c, 1-4 lb. 15c, lb. 35c.

**Viroot.** Grows to an immense size. Leaves thick and of good substance. Pkt. 5c, oz. 10c, 1-4 lb. 15c, lb. 35c.

**SPECIAL PRICE**—In 10 pound lots or over we will supply seed of the following sorts: Round Thick Leaf, Long Standing or Bloomsdale at 18 cents per pound by express or freight. Purchaser pays the transportation charges.



GOLDEN BRONZE.

SWEDISH—Rabarber.  
SPANISH—Ruibarbo.



## SQUASH, SUMMER.

**Summer Crookneck.** A small crooknecked sort. Skin bright yellow. Very early and productive. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.

**White Bush Scalloped.** Grown almost exclusively for first crop, as they ripen very early and are particularly desirable for early marketing. The skin and flesh are pure white. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.

**Yellow Bush.** Same as above, except in color. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.

## SQUASH, WINTER.

**American Turban.** Flesh rich orange color. Fine for winter use. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 70c.

**Bay State.** Flesh yellow, solid, fine grained. An excellent keeper. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 70c.

**Boston Marrow.** Salmon flesh; fine grained. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.

**Butman.** Skin bright green; flesh lemon color, smooth and fine grained. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 70c.

**Chicago Warted Hubbard.** For description see list of specialties.

**Crookneck Canada.** A small, well known sort of excellent quality. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.

**Essex Hybrid.** Early, of quick growth; very productive. Flesh fine grained and sweet. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.

**Fordhook.** Fine grain, meaty and of fine flavor. Can be used at any time of their growth. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.

**Faxon.** Medium size, very early; flesh orange color, of fine quality. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.

**Golden Hubbard.** (See cut.) The best fall and winter Squash. This is a perfect type of the green Hubbard, except in color, which is bright orange red, very showy and attractive. The fruits are very uniform in size, weighing from 6 to 8 pounds, and in shape are like the green Hubbard. The flesh is deep orange, very dry, fine grained and of excellent flavor. Fruit matures very early. Their keeping qualities are fully equal to the green variety, and they can be held over in good condition for spring use. It is a vigorous grower, and in productiveness far exceeds the old variety. Pkt. 5c, oz. 10c, 1-4 lb. 25c, lb. 80c.

**Golden Bronze.** In form the same as the last named, with stem and blossom end precisely like that variety, also having that peculiar wrinkled appearance of the skin, like the Boston Marrow. Size averaging from 8 to 10 pounds; color a dark, grayish green with bronze on upper surface when ripe; flesh an exceedingly bright golden yellow; fine grained, very sweet and of delicious flavor. Early in maturing, a good keeper and yielder. Squashes of very uniform size and appearance. As a squash, combining the qualities desired for the table and pies, this has no superior. Pkt. 10c, oz. 15c, 1-4 lb. 40c, lb. \$1.25.

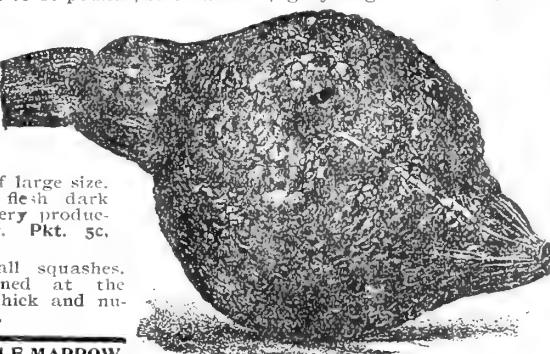
**Hubbard.** A general favorite of large size. Color bluish green; flesh dark yellow, fine grained, dry and sweet. Very productive. Will keep perfectly until spring. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.

**Mammoth Chili.** Largest of all squashes. Round, flattened at the ends. Rind deep orange; flesh dark yellow, thick and nutritious. Pkt. 5c, oz. 10c, 1-4 lb. 35c, lb. \$1.25.

**ORANGE MARROW. SIBLEY. VEGETABLE MARROW.**  
Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 70c.



SALSIFY, LONG WHITE.



GOLDEN HUBBARD.



## TOMATOES--Continued.

**Enormous.** (See cut) This is the largest smooth, bright red sort yet produced; round in form, 4 to 5 inches in diameter, thick through, solid, meaty, skin smooth, highly colored and free from cracks. In the "most enormous" fruits the form is oblong as though two were joined together; of strong growth and immensely productive. Pkt. 10c, oz. 30c, 1-4 lb. \$1.00, lb. \$3.00.

**Honor Bright.** This is another new variety of great merit, which first appeared as a "sport" in a field of New Stone. Its distinctive features are its solidity, long keeping qualities after being picked and the remarkable changes of color the fruit undergoes during growth and ripening. First of all it is light green, then waxy white, then lemon changing to red, and when fully ripe a rich bright red. On account of its great keeping qualities it is one of the best shippers grown and should be planted extensively by all who do a shipping trade. Pkt. 10c, oz. 25c, 1-4 lb. 75c, lb. \$2.50.

**Lemon Blush.** A strong, vigorous grower, producing fruit of good quality. The skin is of bright lemon yellow shade; ripens medium early, and can be depended upon to produce a good crop. Pkt. 10c, oz. 25c, 1-4 lb. 75c, lb. \$2.50.

**Matchless.** (See cut.) A standard maincrop, bright red variety, producing enormous crops of finest scarlet fruits. Tomatoes are very large, perfectly smooth, with fewer seeds than most other varieties. Pkt. 10c, oz. 20c, 1-4 lb. 60c, lb. \$2.00.

**Early Michigan.** One of the best sorts for general market or family use. Very smooth, and regular in shape, uniform in size, color, and free from rot or cracking. Vines large, with large dark green leaves, vigorous and wonderfully productive, bearing under high culture, one of the heaviest croppers. Fruit medium size to large, perfectly smooth, solid, but without any core, deep rich red color, of excellent flavor. Pkt. 10c, oz. 20c, 1-4 lb. 60c, lb. \$2.00.

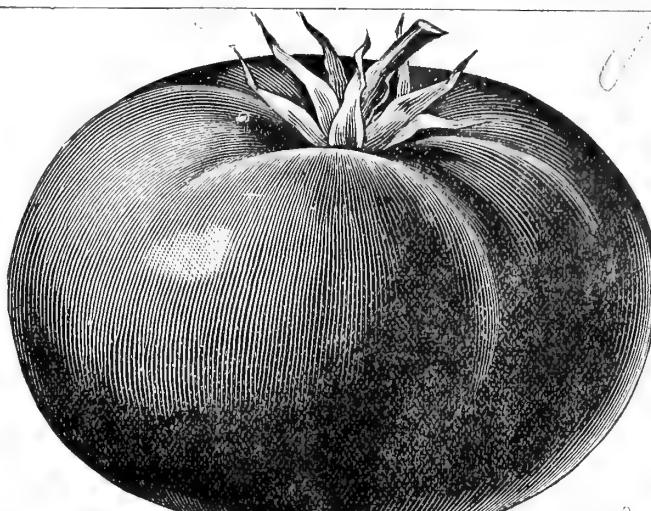
**Magnus.** (See cut. Showing 1-4 Natural Size.) Of the same color as the Acme, being a glossy red, but grows thicker and more solid than that variety. It is medium early, perfect form, grows large and attractive. The plants are of strong, robust growth, and form small joints, setting the clusters of fruit much closer than most sorts, thus making it a heavy cropper. The tomatoes are very deep from stem to blossom end, ripen evenly, do not crack about the stem, and the flavor is all that can be desired. Pkt. 10c, oz. 40c, 1-4 lb. \$1.25.

**Mikado.** One of the largest, most productive, most solid and best marketing tomatoes that has ever been introduced. The fruit which often weighs 1½ to 2 lbs. each, ripens early and is of the sweetest flavor. Color of tomatoes when fully ripened is a rich bright red. We heartily recommend it to all growers, and especially those who desire large tomatoes for market purposes. Pkt. 5c, oz. 20c, 1-4 lb. 50c, lb. \$2.00.

**Minnesota Early.** A standard early variety, skin smooth and of fine flavor. Pkt. 10c, oz. 20c, 1-4 lb. 75c, lb. \$2.50.

**Minnesota Queen.** Extra Early, ripened a little later than First of All this past year. Beautiful in shape and color; vines vigorous in growth, and very productive. The fruit is of good size, smooth, solid and of a deep red color. Pkt. 10c, oz. 20c, 1-4 lb. 90c, lb. \$3.00.

**New Stone.** Bright scarlet; smooth, ripening evenly to the stem without a crack; very solid and firm fleshed; of the finest quality. Pkt. 5c, oz. 20c, 1-4 lb. 50c, lb. \$1.75.



ENORMOUS.

**Optimus.** Fruit oval, medium size, smooth and of a bright crimson color; very productive. A good one for shipping purposes. Pkt. 5c, oz. 20c, 1-4 lb. 50c, lb. \$1.75.

**Paragon.** A second early, large, smooth and solid, and of fine quality. Pkt. 5c, oz. 20c, 1-4 lb. 50c, lb. \$1.75.

**Perfection.** Preferred by many to any other sort, and is extensively grown by gardeners who raise fruit for the canning factories. It is invariably smooth and of a handsome deep blood red color, flesh is thick, almost coreless. Pkt. 5c, oz. 20c, 1-4 lb. 50c, lb. \$1.65.

**Ponderosa.** Very large, of a rich bright crimson color and all solid meat; exceptionally free from seed. Pkt. 5c, oz. 30c, 1-4 lb. \$1.00, lb. \$3.25.

**Royal Red.** (See cut.) Vines stronger and more vigorous than the Favorite. The fruit is a larger, brighter, deeper red and fully as good in quality. This is certainly a fine tomato for those who prize large size and bright color. Pkt. 5c, oz. 15c, 1-4 lb. 60c, lb. \$1.75.

**Ruby Early.** The earliest of the small size tomatoes, which combines good form, color and solidity and is certain to prove the leading market variety. Pkt. 5c, oz. 20c, 1-4 lb. 60c, lb. \$2.00.



ROYAL RED.

**Trophy Selected.** One of the old standard sorts. The fruit is very large, usually smooth, solid, of good flavor; color a deep rich red. Pkt. 5c, oz. 20c, 1-4 lb. 50c, lb. \$1.75.

**Waldorf Tomato.**

Particularly valuable for the home garden. The fruit is large, of perfect shape, smooth. The flesh is very solid, of a dark rose color and of the finest quality. It is medium early and enormously productive. Pkt. 10c, oz. 30c, 1-4 lb. \$1.00.

**SMALL FRUITED VARIETIES.**

**Husk or Strawberry.** (See cut.) A distinct and most valuable variety for canning or preserving. The fruit, which is produced in husks, is borne in great abundance and of a rich strawberry flavor. Pkt. 10c, oz. 20c, 1-4 lb. 65c, lb. \$2.50.

**Cherry Red.** Round, smooth and solid; used for pickles and preserves. Pkt. 5c, oz. 20c, 1-4 lb. 60c, lb. \$2.25.

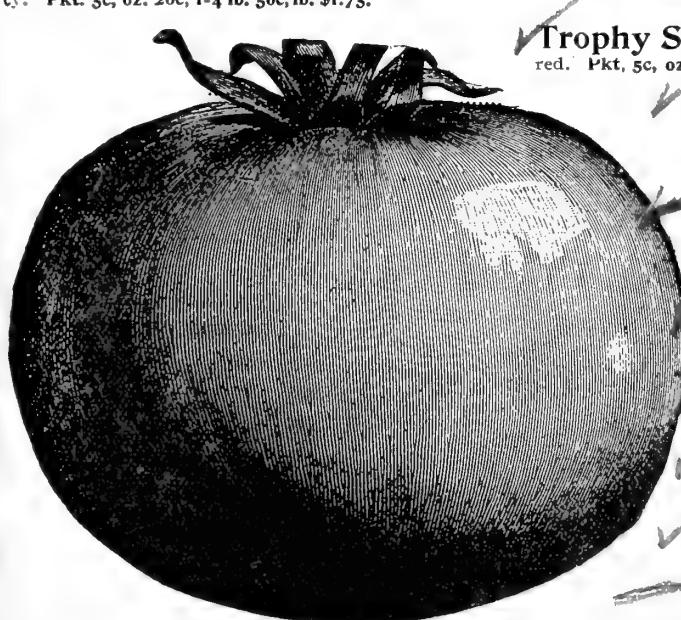
**Cherry Yellow.** Pkt. 5c, oz. 20c, 1-4 lb. 60c, lb. \$2.25.

**Peach.** (See cut.) Flesh tender and of good flavor. Pkt. 15c, 2 pkts. 25c, oz. 60c.

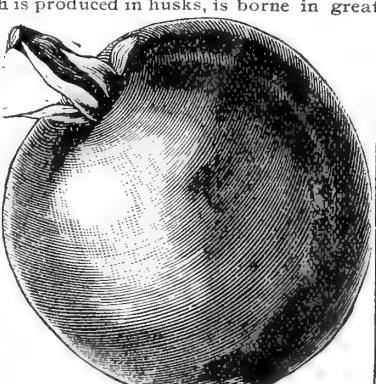
**Pear Shape Red.** Pkt. 5c, oz. 20c, 1-4 lb. 60c, lb. \$2.25.

**PLUM RED.** Pkt. 5c, oz. 20c, 1-4 lb. 60c, lb. \$2.25.

**PLUM YELLOW.** Pkt. 5c, oz. 20c, 1-4 lb. 60c, lb. \$2.25.



MATCHLESS.



PEACH.

## TABLE TURNIPS==White Fleih Sorts.

GERMAN—Steckrube. FRENCH—Navel. SWEDISH—Rosva. SPANISH—Nabo  
1 ounce to 150 feet of drill. 1=4 pounds to transplant for one acre.

Prices quoted on this page include the prepayment of postage by us. It is wanted by express or freight deduct 10c per lb.

**CULTURE**—Turnips grow best in highly enriched, sandy, gravelly or light loamy soil. Commence sowing the earliest varieties in April, indrills, from 12 to 15 inches apart, and thin out early to 6 or 8 inches in the rows. For a succession sow at intervals of a fortnight, until the last week of July, from which time to the end of August sowing may be made for the fall and main crops.

**Berlin, or Teltow.** Small, spindle shaped variety that is largely grown for flavoring soups. Pkt. 5c, oz. 10c, 1-4 lb. 25c, 4 lb. 60c.

**Champion Extra Early.** Without exception the finest flavored and best keeping extra early sort that can be secured for home gardens. Flesh pure white, solid, tender and sweet, Pkt. 10c, oz. 20c, 1-4 lb. 40c, 1b. \$1.00.

**Cow Horn, Large.** (See ent.) Of rapid growth, long, white, in shape resembling a cow's horn. Pkt. 5c, oz. 15c, 1/4 lb. 20c, lb. 50c.

**Crystal White.** The best variety ever introduced for table use. Flesh is solid, crisp, fine grained and sweet, and is almost round. In ordinary seasons it will mature in six weeks. If you wish a splendid table turnip, you will find the Crystal White all that can be desired. **Pkt. 10c, oz. 15c, 1-4 lb. 33c, lb. \$1.00.**

## Milan Extra

## Early Purple Top. (See cut.)

**pic Pop.** (cut.)  
Flesh solid, white,  
fine grained and of

fine grained and of  
the choicest quality.  
Pkt. 5c, oz. 10c,  
1/4 lb. 20c, lb. 60c.

## Norfolk Large White. A standard field

variety growing to an immense size and one of the

best for stock feeding. Pkt. 5c,  
oz. 10c, 1-4 lb.

5c, 1b. 50c.



## RUTA BAGA.

**CULTURE** — Ruta Baga seed should be sown three or four weeks earlier than that of the table varieties of turnips. The ground should be enriched with well-rotted manure, and the seed sown in drills 2½ inches apart and thinned out to 6 or 8 inches in the rows. When the roots have fully matured and before severe weather sets in, pull, cut off the tops and store them in a root-cellar or pit. In some sections the seed is sown broad-cast and the Ruta Bagas are allowed to take their chances with the weeds, but this method is seldom successful except on new clearing.

Prices quoted on this page include the payment of postage by us. If wanted by express or freight deduct 10 cents per pound.

**Hurst's Monarch.** (See cut.) The largest and heaviest yielding, yellow fleshed sort, grown extensively for stock feeding; keeping qualities unsurpassed; a variety that every farmer should grow; good for 1,000 bushels per acre. It produces large, oval-shaped roots; flesh very solid, fine grained, and will keep solid and hard much longer than the small varieties. **Pkt. 5c, oz. 10c, 1-4 lb. 15c, lb. 50c.**

**May's Improved Purple Top.** (See cut.) A hardy and productive variety. The bulbs are large, round, solid and uniform in size; flesh a golden yellow, fine grained and sweet; keeping qualities unsurpassed. **Pkt. 5c, oz. 10c, 1-4 lb. 15c, lb. 50c.**

**Skirving's Purple Top.** (See cut.) A fine table or stock feeding sort; flesh solid and sweet; heavy cropper and a good keeper. **Pkt. 5c, oz. 10c, 1-4 lb. 15c, lb. 50c.**

**Large White.** Hardy and productive; flesh white, solid, firm; keeps well. **Pkt. 5c, oz. 10c, 1-4 lb. 15c, lb. 50c.**

**Large Sweet German.** (See cut.) An excellent variety; flesh white, firm and solid; grows to a large size and has a very rich flavor. **Pkt. 5c, oz. 10c, 1-4 lb. 15c, lb. 50c.**

**Laing's Purple Top.** A large early sort of fine quality; roots globe shaped; flesh yellow; neck small; an excellent variety in every way. **Pkt. 5c, oz. 10c, 1-4 lb. 15c, lb. 50c.**

**Carter's Imperial.** (See cut.) One of the best for field culture; flesh yellow, firm and sweet; good for either table or stock feeding. **Pkt. 5c, oz. 10c, 1-4 lb. 15c, lb. 50c.**

**May's Elephant.** Produces large, oval shaped roots; the skin is dark red above ground and of a fine rich yellow under ground; a heavy yielder. **Pkt. 5c, oz. 10c, 1-4 lb. 15c, lb. 50c.**

## THE BEST STOCK FEEDING CARROTS.

Sow from 3 to 4 pounds to acre.

Excellent feed for stock and extensively grown for this purpose.

Horses relish and fatten on them and keep in healthier condition.

One of the largest raisers of thoroughbred stock in the West says: "I consider carrots indispensable, and no one who raises cattle can afford to be without them."

**CULTURE** — For field culture seed should be sown in drills 3 to 3½ feet apart, so as to cultivate by horses. They succeed best in a good light soil, well enriched by manure. The seed should be covered about 1 inch deep, and be sure and see that the soil is well firmed above the seed.

**Belgian Large White.** Grows one-third above ground; large white root with green top; grown exclusively for stock feeding. **Pkt. 5c, oz. 10c, 1-4 lb. 15c, lb. 50c.**

**Belgian Yellow.** A good stock variety differing from the above only in color. **Pkt. 5c, oz. 10c, 1-4 lb. 15c, lb. 50c.**

**Mastodon.** Flesh white, crisp, solid and very sweet in flavor. The roots are short and very heavy at the shoulder, making them easy to harvest. One of the heaviest croppers, yielding from 15 to 20 tons per acre. **Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.**

**Yellow Giant.** (See cut.) The great stock feeding variety; is the largest and heaviest cropping sort that can be grown, and will produce fully 50 per cent more weight per acre than the common sorts. It grows from 20 to 25 inches in length, partly above ground, and is of the best keeping qualities. **Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 70c.**

**Victoria.** One of the largest and best stock feeding sorts. The roots are remarkably fine, very symmetrical and of excellent quality, possessing high feeding properties. It is a heavy cropper on all soils, but especially adapted for strong or rich lands. It grows fully half as much weight again per acre as the ordinary varieties, and as the roots grow more above the ground, it is much easier to gather the crop. **Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.**

## Vosges.

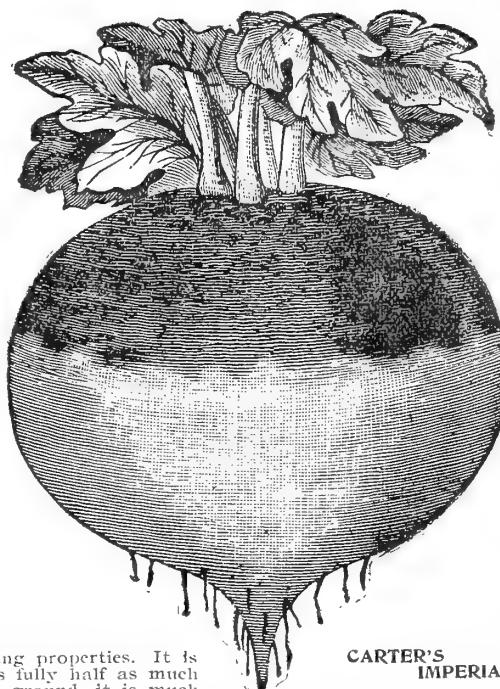
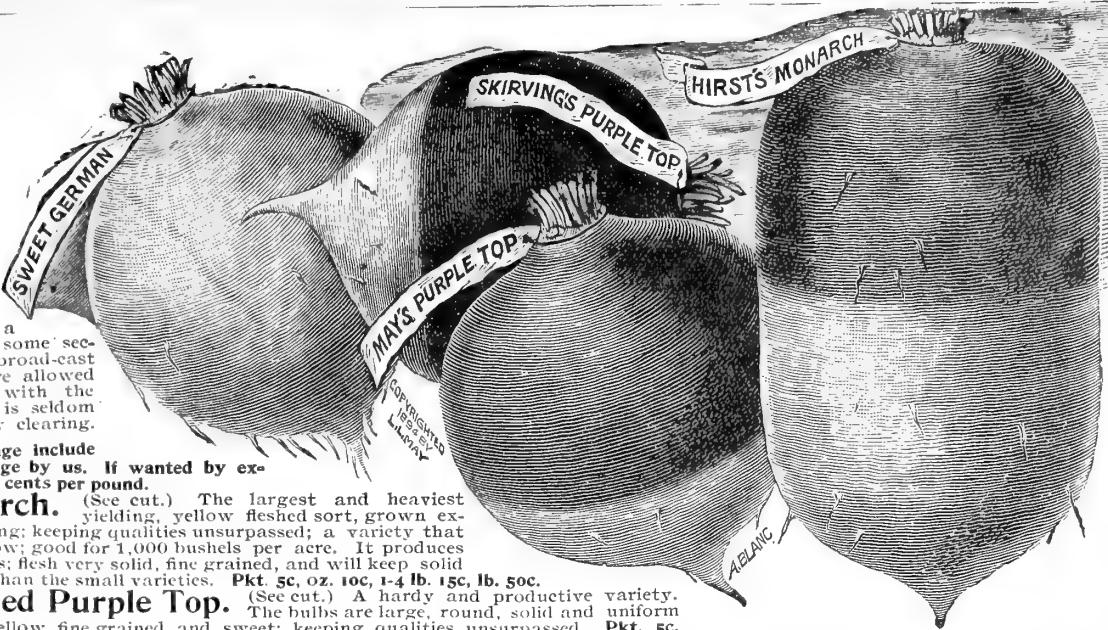
(See cut.) Grown extensively for stock feeding. The roots are very broad at the neck, narrowing abruptly to a point. Particularly desirable for shallow soils. **Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 50c.**

## YELLOW GIANT

LARGE WHITE VOSGES

THE HEAVIEST CROPPING FIELD CARROTS

COPYRIGHTED 1851 BY L. L. MAY





### THE BEST MANGELS FOR STOCK FEEDING.

Sow 12 to 15 pounds of seed per acre. Deduct 10c per pound from prices quoted below if seed is to be shipped by express or freight at your expense. At prices quoted on this page all seed is sent postpaid.

**Champion Yellow Globe.** (See cut.) Its shape and yield make it one of the best that can be grown. Pkt. 5c, oz. 10c, 1-4 lb. 15c, lb. 40c.

**English Prize Mangrel.** Produces large, straight, well formed roots of large size. Our seed of this variety will produce more beets to the acre than any variety we know of. Pkt. 5c, oz. 10c, 1-4 lb. 15c, lb. 50c.

**Giant Golden.** (See cut.) A distinct type of mangrel of recent introduction; tops small, roots large; flesh yellow and fine grained. Pkt. 5c, oz. 10c, 1-4 lb. 15c, lb. 50c.

**Golden Tankard.** Flesh a rich golden, and of great milk producing qualities. Pkt. 5c, oz. 10c, 1-4 lb. 15c, lb. 50c.

**Jersey Queen.** A mammoth variety with a record of 1,500 bushels per acre; valuable for dairymen or stock growers. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.

**Long Red.** Very large; selected strain; root large, solid; color deep red. Pkt. 5c, oz. 10c, 1-4 lb. 15c, lb. 40c.

**May's Mammoth Long Red.** (See cut.) A heavy cropper, frequently producing from 30 to 40 tons per acre. Pkt. 5c, oz. 10c, 1-4 lb. 15c, lb. 50c.

**Norbitan's Giant.** A standard variety. Pkt. 5c, oz. 10c, 1-4 lb. 15c, lb. 40c.

**Red Globe.** A large, red, oval variety; keeps well and is especially adapted to low soils. Pkt. 5c, oz. 10c, 1-4 lb. 15c, lb. 40c.

**IMPORTANT. THE GREAT VALUE OF MANGELS FOR STOCK FEEDING.** The value of these for stock raising cannot be over-estimated, analysis having demonstrated the fact that 400 pounds of Mangels are equivalent to 100 pounds of the best hay. During the past year crops of 1,500 to 2,000 bushels on one acre were raised in the state of Minnesota from seed obtained from us. Sow 12 to 15 pounds to the acre. Many seedsmen claim 4 to 6 pounds. In our experience we find the latter to be incorrect.

### THE FOUR BEST SUGAR BEETS.

#### Improved Kleinwanzlebener.

(See cut.) This is a large growing variety that is highly recommended in the Sugar Beet sections for its certainty of yielding a good crop even under adverse circumstances. It has, as shown in our illustration, a conical shaped root, large at the top and tapering almost to a point at the lower end. An average of 18 to 20 tons to the acre can be counted on safely, if the soil is rich. About 15 per cent of sugar can be obtained from our Improved Kleinwanzlebener with ordinary field culture. Pkt. 5c, oz. 10c, 1-2 lb. 20 lb. 35c.

**Imperial Sugar Beet.** A long variety that is probably more largely grown than any other Sugar Beet for feeding to stock. It will yield as much as Mangels and contains a large per cent of sugar. Reported to have given a yield of over 30 tons per acre, the cultural cost of which was only 5 cents a bushel. Extensively grown in all parts of Europe. Pkt. 5c, oz. 10c, 1-2 lb. 20c, lb. 35c.

**Vilmorin's Improved.** (See cut.) This is also recommended by the Department of Agriculture and said to resist unfavorable influence better than almost any other variety. It is a heavy yielder on all kinds of soil and of the same general shape of our Improved Kleinwanzlebener. We heartily recommend these two sorts for their quality and yield. Pkt. 5c, oz. 10c, 1-2 lb. 25c, lb. 40c.

**White French Sugar.** One that is grown in many parts of France in preference to any other variety. It gives as large a per cent of sugar as the Improved Kleinwanzlebener. Pkt. 5c, oz. 10c, 1-4 lb. 15c, 1-2 lb. 25c, lb. 40c.

Yields of 18 tons of Sugar have been made from one hundred tons of roots.

KLEINWANZLEBENER

VILMORIN'S IMPROVED

Yields 14 tons of roots to the acre containing about 16 per cent. of Sugar.

**Sugar Beet.** Five pound lots and over 25 cents per lb. By express or freight at purchasers expense.

## MAY'S NORTHERN GROWN FARM SEEDS.

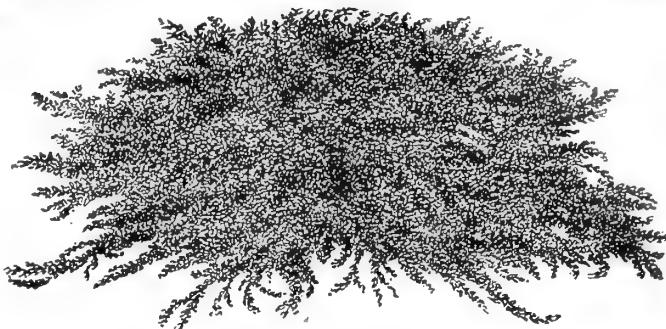
On farm seed quoted by the pound we prepay postage. Farm seeds by the peck or bushel we do not deliver free, but make no charge for packing, cartage bags or delivery to any railroad station or express office in St. Paul.

## AUSTRALIAN SALT BUSH.

A Forage Plant for Alkali Soils, and for Regions Subject to Periodic Drouth. (See cut.)

This is a most wonderful forage plant, as it will grow freely in arid and alkali lands, that will produce no other vegetation, yielding a marvelously liberal foliage which is eagerly eaten by all kinds of stock. It is of creeping habit. From 20 to 30 tons of green fodder have been harvested from one acre. It has further been proven that after three or four crops have been grown on alkali land, that the soil is then capable of producing any other vegetation. In many sections of the states this is in itself of priceless value. This plant has been very extensively tried at the California Experimental Station, where single plants, grown on the poorest alkali ground, have reached a diameter of 16 feet in one season. One pound of seed will plant an acre. It grows readily from seed and requires no cultivation. Pkt. 10c, oz. 20c, 1-4 lb. 45c, lb. \$1.35.

**DIRECTIONS**—The land to be sown should be plowed, and reasonably well pulverized by the harrow or other tool. At least a disk harrow should be used to loosen the soil, and give the seeds not only an opportunity to germinate, but the young plants the conditions favorable to become speedily established. One pound of seed is sufficient for an acre, if evenly scattered over the surface. The seed should be mixed with ten times its weight of sand or ashes to facilitate its distribution. Sow the seed in the spring, before a rain if possible, or irrigate well, on well pulverized soil, and cover it lightly (about  $\frac{1}{8}$  of an inch) with a light harrow or brush. If desired, plants may be grown by sowing the seed in boxes or garden bed, covering lightly, and planting the seedlings when desired, when from 2 to 3 inches high, 6 to 7 feet apart. If the weather is dry when transplanting, supply a little water to each plant.



AUSTRALIAN SALT BUSH.

## THE BEST KINDS OF BROOM CORN.

**Evergreen.** (Minnesota grown.) This variety is more generally grown than any other sort on account of the color and quality of brush. The brush is of good length, always green; when ripe it does not get red and has no center stalk, which is most desirable to broom corn growers and manufacturers. We offer carefully selected stock of this variety, and know that it is certain to give satisfaction. Lb. 25c, postpaid; by freight or express, 10 lbs. 75c, 25 lbs. \$1.50, 50 lbs. \$2.50, 100 lbs. \$4.50.

**Evergreen, Tennessee.** (Southern grown.) Lb. 25c, 10 lbs. 60c, 25 lbs. \$1.25, 50 lbs. \$2.25, 100 lbs. \$4.00.

**California Golden.** Lb. 25c, 10 lbs. 75c, 50 lbs. \$2.50, 100 lbs. \$4.50. Lb. 25c, 50 lbs. \$3.25, 100 lbs. \$6.00.

## Dwarf Evergreen.

**Japanese.** By far the quickest growing variety that was ever introduced, and tests prove that it will mature in 75 days when planted late. One grower states that it was planted the middle of July and ready to cut by the first of October. Largely grown in the Southwestern states. Lb. 25c, postpaid; 10 lbs. 65c, 50 lbs. \$2.50, 100 lbs. \$4.75.

**Jerusalem Corn.** A wonder from Palestine. A marvelous variety introduced into this country from the arid plains of Palestine by a missionary who gave two grains to a farmer in the southwest several years ago. These two grains made five heads the first year, and the season following he got five bushels, from which he planted eight acres, and gathered a crop of over 200 bushels. It is pronounced one of the very best and most certain grain crops for dry sections, and in the Southwest claimed to be superior to the famous Kaffir Corn, which is having such immense sales at the present time. It attains a height of 3 feet, and makes a large head of one main stalk and several smaller heads on the side. In good seasons often as high as 8 or 9 heads will be seen on one stalk. The grains are pure white and almost flat. Sow 3 or 4 pounds to the acre. Per lb. 25c, 3 lbs. 70c, postpaid.

## THE BEST KINDS OF BUCKWHEAT.

**Japanese.** (See cut.) The best, most productive and most profitable variety in cultivation. From  $\frac{1}{2}$  bushel of seed sown a crop of 40 bushels has been harvested. In color the grain is a rich, dark brown. Flour from Japanese buckwheat is fully equal in quality to that from any other variety. It ripens a week earlier than Silver Hull, and yields two or three times as much. Excellent for bees.

Lb. 25c, pk. 50c, bu. \$1.50, 2 1-2 bu. \$3.00.

## Silver Hull.

An old standard sort that ripens earlier than the common varieties of Buckwheat and is a heavy yielder on all kinds of soils and seldom affected by drought. The berry is of a light, silver gray color and the flour is whiter and more nutritious than that made of a common sort. There is a steady demand for this every year and it can be relied upon to produce a good crop in any ordinary season. Lb. 25c, postpaid; by express or freight, pk. 50c, bu. \$1.50, 2 1-2 bu. \$3.50.



Please bear in mind we pay postage on all farm seeds quoted by the pound.



## ARTICHOKE ROOTS.

**Giant White.** (See cut.) An Improvement on the Jerusalem Artichoke. The greatest hog food known. These are attracting much attention on account of their great fattening properties (over one thousand bushels having been grown on one acre) and the ease with which they can be grown. They need not be dug in the fall; the hogs should be turned on them, and will help themselves by rooting for them. They are also said to be a preventive of hog cholera and other diseases; also highly recommended for milch cows, increasing the yield of milk, at the same time improving their condition. Three to five bushels will seed an acre. They may be planted same as potatoes. Plant in April or May, in rows 3 feet apart, and 2 feet apart in the row, and cover about 2 inches deep. By mail postpaid, lb. 30c, 4 lbs. \$1.00; by express or freight, pk. 50c, bu. \$1.50, bbl. of 3 bu. (enough for 1 acre) \$3.50.

# BROMUS INERMIS.

## OR BROME GRASS, THE WONDERFUL RUSSIAN FORAGE GRASS.



**Outyielding Alfalfa.** In nutritious qualities surpassing Timothy. One sowing will stand for years. Succeeds on poor soils and yields from four to five tons per acre. For the arid regions this grass has no equal. We have one grade of seed only—the best. Many firms are offering this seed at much lower prices, but it is an inferior article, which we are confident will not germinate 50 per cent and is dear at any price. Ours has been procured direct from Russia and is a superior article, showing in our tests a much higher percentage of germinating qualities.

Lb. 30c, 3 lbs. 85c, postpaid; by express or freight, 18 pounds, enough for one acre. \$3.25; 100 lbs. \$16.00. 50 pound lots at 100 pound rates.

**DESCRIPTION**—It originated in Russia, and is recommended on account of the manner in which it has stood on the Hungary plains, where the dry, sterile nature of the country and the long continued droughts make so many plants succumb. This Bromus, however, stands well, and has been known for thirty years to stand when such robust crops as alfalfa have been destroyed. It gives a luxuriant crop, particularly on fresh sandy loam soil, and where the climate is warm. It is found that animals eat it greedily, whether in the green or the dry state, so that it can be mown or saved for winter use. The seed is sown in the early spring. It is also useful in filling up gaps where alfalfa or clover crops have failed. It will stand under favorable conditions for twelve years, and give as much food in one month as alfalfa gives in three months.

**CULTIVATION**—This grass is better sown alone; at least it should not be sown with grain crops. The grain takes too much moisture from the young grass plants. It is also desirable to sow the seed on soil that does not blow. Summer fallow would be the best preparation, but on account of its liability to drift it is not safe in many parts of the extreme Northwest to use this kind of land. Stubble land, plowed 4 or 5 inches deep in April or May, and well harrowed after the seed is sown, is found to be quite safe from wind, as the stubble harrowed on top prevents all drifting.

Fifteen to eighteen pounds of seed are required to an acre. More seed will give a better crop the first year, but less afterwards, as the roots thicken up each year, and in three or four years make better pasture.

The seed being light, long and thin, seeding by hand is the only practicable method. To seed properly, a calm day should be chosen, so that all parts of the land may be evenly sown.

While the plants are young the weeds make headway, and it is necessary at least to keep them from going to seed. The quickest way to accomplish this is to go over the field with a mower, cutting just above the grass plants. If the operation has to be repeated it will be necessary to cut the tops of the grass, but this will not injure the plant—in fact, it is an advantage in the way of giving the roots a better hold. The first crop of hay can be cut the next year after seeding, and will, in ordinary years, be ready in July. Eight or ten days after being ready to cut for hay it will be ready to cut for seed, if so desired. Cut in first bloom for hay, and ten days from this time it is considered in proper state to cut for seed.

Many inquiries have been received in regard to growing Bromus on lands which are flooded part of the year. Following we give the experience of S. A. Bedford, Esq., in charge of the Experimental Station at Brandon, N. W. T., Canada:

### IMPORTANT.

WE OFFER ONLY ONE GRADE, THE BEST. DO NOT BE TEMPTED BY LOW OFFERS. CHEAP PRICES MEAN INFERIOR SEEDS. ONE POUND OF GOOD SEED WILL GO FARTHER THAN TWO POUNDS OF THE LOWER GRADES. THE SEED WE OFFER, IS FROM OUR OWN DIRECT IMPORTATION FROM RUSSIA, AND CAN BE RELIED ON. 15 TO 18 POUNDS IS SUFFICIENT FOR ONE ACRE. THE CHEAPER GRADES REQUIRE FROM 25 TO 30 POUNDS PER ACRE.

**RENEWAL AND ERADICATION** of *Bromus Inermis*, by Angus Mackay, in charge of the Experimental Station at Indian Head, N. W. T., Canada:

Last fall, just before winter set in, one-half acre of Brome sod was plowed four inches deep, in as narrow furrows as possible. Four crops of hay had been cut from the plot, and the roots had become very thick.

On the 6th of May, 1898, Prince Albert peas were sown, harrowed in and rolled. Shortly after the peas were sown the grass commenced to grow very thick, and from that time it was a race between Brome grass and peas, with the result that peas were one-third crop and Brome grass a good catch. The peas and grass were cut by mower and the land left to see what results can be obtained in renewing Brome sod without re-seeding. Three-quarters of a ton of peas and Brome hay was cut from the one-half acre.

On the 14th, 15th, 16th and 19th of April last seven acres of Brome sod was plowed two inches deep. By the time the sod was rotted sufficiently to back-set, quite a heavy growth of grass was covering the land. On the 16th, 17th, 18th, and 20th of June all but one-half acre of this land was back-set four inches deep. Brome roots continued to grow after the back-setting, and the land was again plowed before winter set in. The one-half acre not back-set had, when the remainder of the plot was plowed the second time, a good catch of grass, which promises a crop of hay next year.

Last spring, after seeding was finished, an old piece of Brome sod was gone over four times with iron harrows to determine whether or not it could be renewed without plowing. The result clearly demonstrated the impracticability of this method.

As stated in the report of last year, several acres of Brome sod was plowed on the 18th, 19th, and 20th of May, 1897, and sown to peas at the time of back-set later on. That portion sown with peas was plowed last fall, and, together with part of the back-setting, was sown with red Fife wheat this spring. The balance of the back setting was used for potatoes, corn, peas and roots. The wheat averaged 20 bushels per acre, and the potatoes, peas, corn, and roots yielded one-third less than the same varieties sown on fallowed and manured land.

This grass, we firmly believe, is the greatest boon, especially to our west and northwest states, ever introduced. We have labored for 12 years in the introduction of this famous grass, and we are pleased to state our efforts have been successful, as will be seen by a few of the many hundreds of testimonials we have, and it is doubtful if the supply of seed this year is going to equal the demand, so great has been the call already from Montana, Washington and North Dakota, where hay crops are the one essential among the stockmen.

A small area on the uplands of the Experimental Farm, about an acre, is flooded from 2 to 4 feet deep each year, the water remaining on until June. This was broken up during the summer of 1896, and sown to Bromus without grain. Good stand was obtained and a magnificent crop of grass gathered. This experiment should be tried by farmers who have depressions on their land known as pot holes, which are numerous in some parts of the province.

In cutting for seed a binder is used, and the grass is cut, tied and stacked the same as wheat or other grain. In a week or ten days after cutting it is ready to thresh or store away, as deemed best. For threshing small quantities the old fashioned flail is suitable, but for large lots a threshing machine should be used on which the wind has been closed off as much as practicable.

From three to six hundred pounds of seed may be expected from an acre.

#### THE FEEDING VALUE OF BROMUS INERMIS.

During the past year we have made a comparative study of the hays of Timothy and Brome Grass as grown on the Central Farm, Ottawa, during the season of 1897. Both grasses were cut when considered in the best condition. The samples were taken in February, from the barn. The analytical data are presented in the following table:

**COMPOSITION OF THE HAYS OF TIMOTHY AND BROME GRASS, GROWN ON CENTRAL EXPERIMENTAL FARM, OTTAWA, 1897.**

HAY	Moisture	Albuminoids	Fat (Ether Extract)	Carbohydrates	Fibre	Ash
Timothy Hay.....	9.72	5.94	5.38	43.25	31.30	4.41
Brome Grass Hay...	10.76	6.61	4.51	41.01	31.86	5.25

The nitrogenous compounds, grouped under the term albuminoids at the most important from a feeding standpoint, and in this regard the Brome Grass is seen to be somewhat the better of the two. Stated in pounds per ton, we have the following figures:

	Albuminoids. Lbs. per ton.
Timothy.....	118.8
Brome Grass Hay.....	132.2

By calculating our data to a water-free basis we may make a closer comparison of the composition of the real cattle food in the two hays:

**COMPOSITION OF THE "DRY MATTER," TIMOTHY AND BROME GRASS HAYS.**

HAY	Albuminoids	Fat (Ether Extract)	Carbohydrates	Fibre	Ash
Timothy Hay.....	6.58	5.96	47.90	84.67	4.89
Brome Grass Hay.....	7.40	5.05	45.95	35.69	5.91

## SELECTED SEED CORN---YELLOW DENT SORTS.

On farm seed quoted by the pound we prepay

Farm seeds by the peck or bushel we do not deliver free, but make no charge for packing, cartage, bags or delivery to any railroad station or express office in St. Paul.

**Bloody Butcher.**

This variety is in a class by itself, being a red dent sort. It is extremely early, very productive and has become very popular with all that have grown it. It is a great favorite in North Dakota. **Lb. 25c, pk. 50c, bu. \$1.75.**

**bag, 2 1-2 bu. \$4.00.**

**Golden Beauty.**

**Said to be the handsomest Field Corn ever introduced.** The ears are of large size with from 10 to 14 rows of bright, golden yellow grains remarkable for their size, and the cobs are usually filled to the extreme end. The quality of the grain is superior to most sorts, and it is therefore very desirable for grinding into meal. Usually requires about 110 days from planting to maturity, and we heartily recommend it for all sections where the seasons are long enough to enable it to be properly grown. Although the kernels are firmly set on the ear, they are easily shelled, and we consider it about as perfect a type of dent corn as can be secured. **Lb. 25c, pk. 50c, bu. \$1.75, bag, 2 1-2 bu. \$4.00.**

**Great Western Yellow Dent Corn.** **NOTED FOR ITS DROUGHT-RESISTING QUALITIES.** Large ears, fine color, heavy yield son in from 95 to 100 days, so that you can readily see that it is the corn for nearly every section of America, except the extreme North, where only the Dakota Queen Dent Corn can be grown with safety. Too much cannot be said in favor of this variety for such states as Illinois, Ohio, Indiana, Iowa, and in fact all but the northern tier of states along the Canadian line. **Lb. 25c, 3 lbs. 70c, pk. 50c, bu. \$1.75, bag (2 1/2 bu.) \$4.00.**

**Early Extra Dakota Queen.** **THE HEAVIEST YIELDING EXTRA EARLY YELLOW DENT CORN. A VALUABLE VARIETY**

**FOR THE NORTHERN STATES. RIPENS IN ABOUT 85 DAYS FROM PLANTING.** It is, beyond a doubt, the earliest Dent Corn ever introduced, and is the most valuable addition to the list of corn in many years. It is far ahead of Pride of the North, King of the Earliest, Early Butler, and in fact all the Dent varieties in earliness. This new corn can be grown in the extreme Northern states where heretofore only the Flint corn could be raised. It is of a bright yellow color, small ear and cob, with a very long, deep grain. **Lb. 25c, pk. 50c, bu. \$1.75, bag (2 1/2 bu.) \$4.00.**

**Improved Leaming.** This is one of the largest early yellow dent corns in cultivation, ripening in 90 or 100 days from planting. It surpasses the flint varieties in earliness, productiveness and quality. **It is extra early** and not a hard flinty corn. The ears are large and handsome with deep large grain, orange yellow color and red cob, stalks medium size, tapering gradually, generally producing two good ears each, and husks and shells very easy. **Lb. 25c postpaid; pk. 50c, bu. \$1.50, bag 2 1-2 bu. \$3.50.**

**Iowa Gold Mine.** A medium early large yellow dent that is valuable for parts of Iowa and the middle states. The grain is deep, a golden yellow color, ears of good size and cob small. Ripens in from 90 to 100 days from planting. **Lb. 25c, postpaid; pk. 50c, bu. \$1.60, bag (2 1/2 bu.) \$3.75.**

**King of the Earliest.** One of the earliest yellow dent corns in cultivation, originated by Mr. A. L. Goddard, of Northern Iowa, the originator of the "Pride of the North." Stalks grow 6 to 7 feet high, ears from 7 to 9 inches long, very deep, soft grain and small red cob. It ripened in 83 days from planting, being a few days earlier than "Pride of the North" and "Yellow Canada Flint." Its originator claims this corn will mature in any part of the country where it is possible to grow Early Flint varieties, and is a valuable variety for the extreme north and for feeding purposes. **Lb. 25c, pk. 50c, bu. \$1.75, bag (2 1/2 bu.) \$4.00.**

**Minnesota King.** For description see inside of front cover and specialty list.

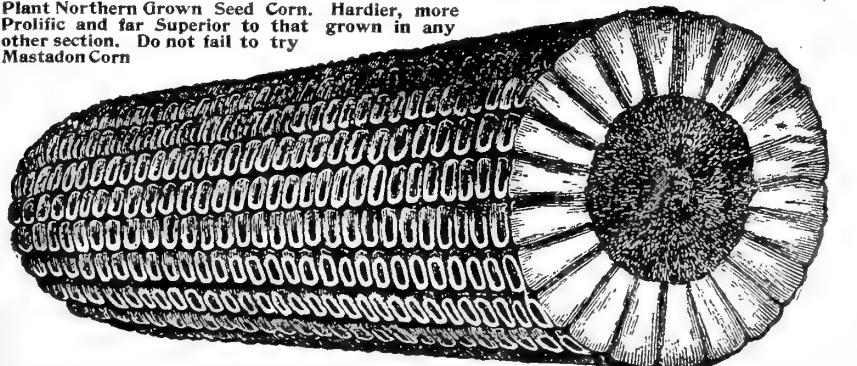
**Pride of the North.** A most desirable 90 day variety which has smaller ears than early. **Planted as late as July 4th, it has fully matured by October 1st.** The ears have from 14 to 16 rows. It grows from eight to ten inches in length, slightly tapering. Has yielded 100 bushels of shelled corn per acre. Kernels are closely set together on the cob, of light orange color, stalks usually grow from six to eight feet in height, producing one or two good ears. Our seed of this variety has been grown for us with special care, from the original stock. **Lb. 25c postpaid; pk. 50c, bus. \$1.60, bag 2 1-2 bu. \$3.75.**

**Minnesota Number Thirteen.** Prof. Hays, the widely known agriculturist of the Minnesota State Experiment Station, has for some years past been conducting a series of experiments with many kinds of corn. Minnesota Number Thirteen was the variety finally selected for dissemination. Prof. Hays does not claim any fancy qualities for Minnesota Number Thirteen. In fact, he states that it has not been selected rigidly to a type in appearance, as that would have interfered, somewhat, with the selection for **large yields and profits.** The experience of the two years following the introduction of this corn has fully demonstrated its ability as a producer. It is a full Yellow Dent 16-rowed variety, kernels packed closely on the cob. **Lb. 25c, postpaid, pk. 60c, bu. \$2.00, bag (2 1/2 bu.) \$4.50.**

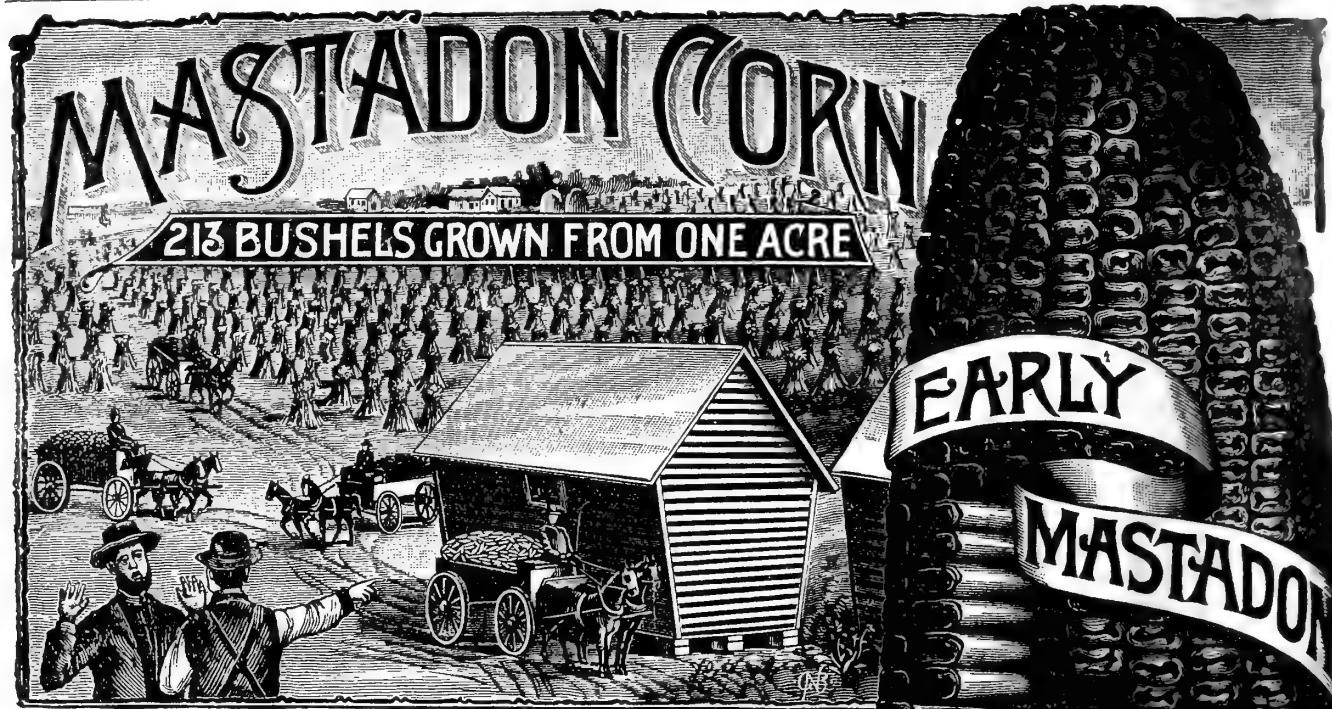
**The Great White Cap Yellow Dent.** **(See cut.) A CORN FOR THIN SOILS AND DROUGHT STRICKEN SECTIONS.**

Introduced several years ago by one of the leading corn growers of America, who writes as follows regarding this variety: "It combines more solid merit than any corn ever introduced, being suitable for all climates and soils, and yet grows large size, maturing quite early. The ears grow as large as the well-known Leaming, and it is from seven to ten days earlier, and on thin, poor soils will yield 30 per cent more corn than that variety. **Its great merit lies in the fact that it is as natural a yielder as weeds, grows strong, rank and thick and will produce more good corn on poor soils than any variety now in cultivation.**" Grown in a section with over 60 other varieties it outyielded all other kinds and withstood the drought where all other sorts fail. None of it was fired and no dead tassels could be seen while on Leaming, Huron and Golden Beauty, and some other early sorts dead tassels could be found, caused by the hot burning sun. **White Cap Yellow Dent will be appreciated by those living in drought stricken districts, and by farmers who have poor thin soil on their farms.** The tip ends of the grain are white and the inside yellow, making a most beautiful corn. **Lb. 25c, pk. 50c, bu. \$1.75, bag (2 1/2 bu.) \$4.00.**

Plant Northern Grown Seed Corn. Hardier, more Prolific and far Superior to that grown in any other section. Do not fail to try Mastodon Corn



PRIDE OF THE NORTH.



## A RECORD UNEQUALED.

The seed we offer of this variety is grown at our Mayfield Seed Farms, sustains the fact that this variety will mature as far north as the central part of Minnesota.

Alfred Rose, Yates County, N. Y., raised 213 bushels of shelled Mastodon Corn on one acre. A heavier yield by over twenty-five per cent than any other variety.

## We are Headquarters for this Corn.

Fred Newman, Ferry, Mich., writes: From four quarts of your Early Mastodon Seed Corn I raised 98 bushels. Your Seed gives perfect satisfaction.

Don't Grow a Poor Yielding Corn  
when for a little more you can buy  
our Heavy Yielding Early Mastodon.

## THE WONDER OF THE CORN WORLD.

Since its introduction more seed of this variety has been sold than any sort ever introduced, and more bushels of it are now used by the seed trade in filling orders than any other variety of field corn. This, in itself, is a great recommendation for the merit of the Mastodon corn. **The Mastodon has the longest grains and largest ears of any 100-day corn in cultivation and will outyield any variety in the world.** In the celebrated American Agriculturist corn contest it far outyielded every other yellow corn in America. Alfred Rose, of Yates County, N. Y., grew on one acre 15,898 pounds of ears or 213 bushels of shelled corn, and George Cartner, Pawnee County, Neb., grew from one acre 11,380 pounds of ears or 171 bushels of shelled corn. The largest yield of corn ever known in Ohio was a field of Mastodon grown on the Sage farm in 1894. We can produce any amount of testimonials from reliable farmers of over 100 bushels shelled corn per acre. It is the strongest grower and largest yielding field corn in cultivation. It husks easy for so large a corn and shells easy, and has the longest grains of any kind we know of. Any one wishing proof of the above yield can obtain same by writing Alfred Rose, of Penn Yan, Yates County, N. Y. We have each year carefully selected our stock of this corn until now we have a fixed pure type of this wonderful yielding variety, and to obtain the genuine pure stock direct from the originator **buy only of us, 1,600 grains have been counted on one cob. Ears average 9 to 11 and 12 inches long, 20 to 36 rows on the cobs, many stalks bearing 3 to 5 large ears, some ears weighing 2 lbs. each and the most handsome shape ever seen.** We do not think too much can be claimed for this wonderful variety. Lb. 25c. By express or freight, pk. 50c, bu. \$1.75, 5 bu. \$8.00.

**Early Huron Dent.** Introduced several years ago by a large grower in the middle states and is acknowledged to be one of the earliest pure yellow dent corns in cultivation at the present time. The grain is of a bright golden orange color; stalk and ear of fair size with a very small cob. The grain is rather deep and singularly smooth. Desirable on account of its rapid growth. **It is an exceedingly valuable dent variety for the northern parts of the U. S., and a test of this variety showed that 70 lbs. of ears has made 64 1-2 lbs. of shelled corn, which leaves only 5 1-2 lbs. for the cobs.** Lb. 25c, postpaid; pk. 50c, bu. \$1.75, bag 2 1-2 bu. \$4.00.

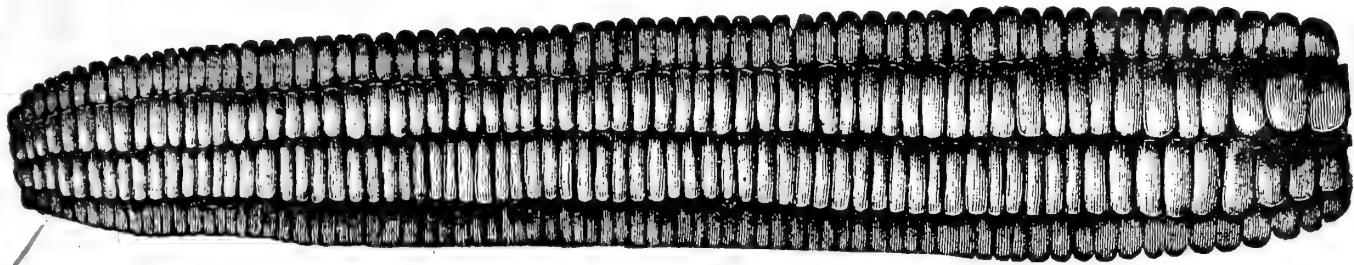
**Cuban Giant Ensilage.** Unequalled in yield and unsurpassed in quality. The grains are pure white and very large, broad and long, and very showy, and of stronger vitality than any variety in cultivation—a very strong point in its favor. The fodder grows on the stalks in great quantities and of the finest flavor. It is the best milk producer of all the field ensilage corns, being almost as sweet and tender as sugar corn. It will outyield the Red Cob Ensilage Corn, and is more valuable because some ten or twelve days earlier. Lb. 25c, 3 lb. 70c, postpaid; by express or freight, pk. 50c, bu. \$1.50, bag 2 1-2 bu. \$3.50.

**Red Cob Ensilage.** A large, white, heavy cropping variety, producing from fifty to seventy tons per acre. The fodder is sweet, tender, juicy and said to contain more nourishment than any other variety. It grows from 14 to 15 feet in height. Lb. 25c, postpaid; pk. 40c, bu. \$1.25, bag 2 1-2 bu. \$3.00.

**White Cob Ensilage.** A pure white fodder corn; ears of an immense size, making it a very good variety for feeding cattle during the winter months. By express or freight, pk. 40, bu. \$1.25, bag 2 1-2 bu. \$3.00.



## SELECTED SEED CORN---FLINT SORTS.



**Angel of Midnight.** An early yellow eight-rowed variety, with perfect ears and well filled cobs. Lb. 25c, postpaid; pk. 60c, bu. \$2.00, bag (2½ bu.) \$4.50.

**Compton's Early.** (See cut.) Early, prolific, good size ear and small cob. Very large ears averaging 9 to 15 inches in length, 12 to 14 rowed, well filled out to the tips, a rich golden yellow color; has matured in 75 days from time of planting. Stalks average about 6 feet in height and make excellent fodder. Lb. 25c, pk. 60c, bu. \$2.00, bag, (2½ bu.) \$4.50.

**King Philip.** An extra early red flint, valuable for the North; matures in 90 days. A sure cropper on poor land. Ears eight rowed and from 9 to 12 inches long. Lb. 25c, pk. 60c, bu. \$2.00, bag, (2½ bu.) \$4.50.

**Longfellow.** A variety that is particularly adapted to the North. It is an eight-rowed sort, with ears 12 to 15 inches in length and about 1½ inches in diameter. Small cob, large kernel and very broad. Lb. 25c, postpaid by express or freight, pk. 60c, bu. \$2.00, bag, (2½ bu.) \$4.50.

**Mercer.** Well adapted to the North and for late planting. It is an eight-rowed corn, with ears 12 to 15 inches in length and 1½ inches in diameter; small cob. By express or freight Lb. 75c, bu. \$2.50, bag (2½ bu.) \$6.00.

**Sandford's White.** One of the best flint varieties for sections where flint corn is grown. It is quite early, with large sized ears, and is a corn that can be depended on to produce a good crop, even in poor seasons. We have been careful in saving this corn for seed purposes, and know that it is far superior to many of the stocks of White Flint that are on the market at the present time. Lb. 25c, postpaid; by express, pk. 65c; bu. \$2.25, bag, (2½ bu.) \$5.25.

**Thoroughbred White.** Of spreading habit; not more than one kernel should be left to grow in one hill. Its great suckering habit, breadth of blade and smallness of stalk recommend it as the most valuable both for fodder and ensilage. Lb. 25c, pk. 75c, bu. \$2.25, bag, (2½ bu.) \$5.25.

**Triumph.** Our triumph corn is a very early flint variety, very bright yellow in color, maturing in from 80 to 90 days from time of planting, according to soil and season. Ears average about 18 inches in length (about 3 inches longer than the Mercer) and are 14 to 16 rowed. The kernels are large, and the stalks of good height. The ears average 2 to a stalk, growing well up so as to readily admit of being cut by the harvester. Stalks tall, leafy making superior fodder. Lb. 25c, pk. 75c, bu. \$2.50, bag, (2½ bu.) \$6.00.

## COMPTON'S EARLY.

## WHITE DENT SORTS.

**Bonanza White Dent Corn.** The heaviest yielding White Dent Corn in the world. A variety that is unequalled for growing in the middle and southern parts of the U. S. Will yield heavily on all kinds of soils, and never known to fail, even in the worst years. The grains are of an enormous size, broad, quite deep, and the cob is so small that the kernels will completely cover the cob when the ear is broken in half. The stalks bear from two to three large ears, and it has never been known to have barren stalks, no matter how thin the soil may be. All ears are well filled out to the extreme end. It shells and shucks quite easily, and in sections where it can be properly grown will give more shelled corn to a given amount of ears than any other sort in our entire list. It usually takes about 15 weeks for this corn to mature. Lb. 25c, pk. 50c, bu. \$1.75, bag (2½ bu.) \$4.00.

**Champion White Pearl.** This popular corn originated in central Illinois and the grower in his description states that it is a pure white dent corn, maturing in from 90 to 100 days. The cobs are unusually small for the size of the corn and are white. The grain is extra long, exceedingly heavy and very compact. The stalk is short and thick, and roots very deeply, with ear growing low upon it, thus standing severe wind storms and droughts. Lb. 25c, pk. 50c, bu. \$1.75, bag (1-2 bu.) \$4.00.

**Hickory King.** A mammoth white dent that is wonderfully productive; one of the best sorts for the Middle and Southern states. Will mature in about 110 days from time of planting. Lb. 25c, pk. 60c, bu. \$2.00, bag, (2½ bu.) \$4.50.

**Iowa Silver Mine.** The most marvelous variety of corn ever offered and one which will surprise every one who plants it. If the farmers take hold of this as they should it will revolutionize the corn growing of this country. Just think of the wonderful yield, 215 bushels per acre with ordinary culture. We don't blame some practical farmers for looking incredulous when this is mentioned. We did not believe it ourselves until we had measured the ground and proved conclusively that the report was correct. Seed Corn is our great specialty and we claim to be Corn experts. There are more fine points combined in this corn than any other in cultivation. 1st. It is as natural a yielder as weeds. 2d. It yields large crops on poor, thin land. 3d. The ears are large, handsome and well filled. 4th. It husks easily and shells easily. 5th. It always commands a high price and will give more bushels on poor, thin land than any corn we know of. Lb. postpaid, 25c. By express or freight, pk. 50c, bu. \$1.75, bag (2½ bu.) \$4.00.

**Wisconsin White Dent.** Kernels large, cobs small, pure white, 16 to 20 rowed. Lb. 25c, pk. 50c, bu. \$1.75, bag, (2½ bu.) \$4.00.

# THE GREAT YELLOW FLINT CORN, PRIDE OF CANADA

## THE CORN FOR THE EXTREME NORTH.

The greatest of all the flint varieties. Ears long, of rich yellow color. Enormously productive, outyielding any field corn we have ever grown. Will prove to be of the greatest value to the farmers of the far North. Ripens earlier than any of the flints. Don't fail to try it if you want a big yielding flint corn. Lb. 25c, 3 lbs. 70c, postpaid; pk. 60c, bu. \$2.00 bag (2 1-2 bu.) \$4.50.

Try Early Mastadon.



175  
BUSHELS  
PER ACRE



### DESCRIPTION OF OUR CHOICE KAFFIR CORN.

Yields heavily even on the poorest soils. This wonderful forage plant has become very popular in all sections of America the past three years and is highly recommended by the leading agricultural writers. It is a variety of non-saccharine sorghum and distinct from all others of this class. It does not stool from the roots, but branches from the top joints, producing two, three and four heads of grain from each stalk. The average height on good land is about 5 feet, but the stalks are very strong and never known to blow down in ordinary wind storms. It has the valuable quality of resisting drouth, and if the growth is checked for want of moisture, the plant waits for rain and then at once resumes its progress without any apparent detriment to its condition; indeed, reports show that it has never failed to produce a good crop in the most disastrous seasons. The whole stalk, as well as the blades, cures into excellent fodder, and in all stages of its growth is available for green feed. All kinds of cattle are fond of it. Kaffir Corn may be planted very early in the spring, and should be sown in rows about 3 feet apart, using about three or four pounds per acre. It can be grown as far north as Minnesota, and is therefore desirable for cultivation in all parts of this country. Pkt. (2 oz.) 10c, 1b. 25c, 3 lb. 70c, postpaid; by express or freight, 10 lb. 65c, 50 lb. \$2.00, 100 lb. \$3.50.

**Great Brazilian Flour Corn.** (See cut.) One of the greatest novelties ever introduced. Originated in Brazil, where it constitutes the principal food of the inhabitants. It is truly a marvelous plant. For more than 6 years our seed was always exhausted before the season ended, so great was the demand. You are sure to like it. It grows 8 feet high, and from a kernel sends enough stools to produce 100 ears. Its strong points are: 1—Twenty-five barrels of flour can be grown from 1 acre, and this flour is of as fine a grade as is made of Dakota hard wheat, which is five times as much as wheat produces per acre. 2—The bread and biscuits baked therefrom are fully as palatable as from any flour known. 3—When boiled in a green state it has no superior among Sweet Corn, while its yield is thrice that of Sweet Corn. 4—Matures in all latitudes where corn ripens. 5—Cultivate as you would corn, allowing 2 kernels to a hill. 6—On our own grounds it yielded at the rate of 100 tons per acre of green fodder, of the most delicious sweet, tender, juicy, nutritious food we have ever seen. Indeed, it seems as though this will soon rank as the greatest fodder-producing plant in the world. 7—It makes flour in quality equal to wheat. Of course it is not so white, but oh, what delicious cakes and rolls and biscuits!

Can be ground on a Family Grist Mill.

Price of Brazilian Flour Corn—(For flour, plant 5 qts. per acre; for fodder, 10 qts.) Pkg. 10c, by mail; pt. 30c, qt. 50c; by express, 5 qts. \$1.00, 16 qts. \$2.00, bu. \$3.75, 2 1-2 bu. \$7.50.

For years we have been offering fodder corn to the farmers of

the Northwest, but it took just such a season as that of 1900 to fully show them its great value. When other crops had failed, and they were wondering what they should do for feed, many planted fodder corn, because it was to late to put in any thing else. Now every farmer or dairyman will put in a few acres of fodder corn because they have found it one of the most profitable crops to grow.

### SUGAR CORN FOR SWEET FODDER.

For cutting in the green state for cattle or other live stock sweet corn is superior to any of the ordinary field corn. Under this head we offer and dispose of unselected stock we may happen to have of early sweet varieties, such as Cory, Early Minnesota, Crosby's, etc. This makes fine fodder and will mature ears in almost any part of the northwest. From 1½ to 2 bushels of fodder corn are required to the acre, according to how the seed is planted. It may be planted in hills the same as other field corn, drilled, or sown broadcast. The best fodder is that which makes the greatest amount of leaves and has the greatest amount of nourishment at the same time. With this object in view we quote only the one kind—the best. Pk. 50c, bu. \$1.50, bag, 2 1-2 bu. \$3.50.



BRAZILIAN FLOUR CORN.



## CLOVER AND GRASS SEEDS.

We pay particular attention to this department of our business. These seeds are selected with special reference to their quality. Purchasers may rely on our exertions to furnish grass and field seeds, fresh, pure and free from noxious and foreign seeds. The seeds we offer are all re-cleaned by the best up-to-date machinery procurable.

Grasses, Clovers, etc., are subject to market fluctuations. Should our present stock become exhausted we will fill orders at market prices.



### RED CLOVER.

apart, for that means the next season you will probably get from 3 to 5 tons per acre, and it increases for several years, producing as high as 10 tons, but that is a very large yield. **It should be cut when in full bloom**, but don't cut too early and be careful not to allow it to become water soaked after cutting, as it greatly reduces its value for feeding. **Don't feed hungry stock on it when green**, as it is likely to bloat them, for they invariably over eat; by this we mean not to turn hungry stock loose in a field of Alfalfa. Grade A, lb. 25c, pk. 2.00, bu. (60 lbs.) \$7.00; grade B, pk. \$1.75, bu. \$6.50.

**Alsike or Swedish Clover.** (*Trifolium Hybridum*.) Known the world over for its hardness. It is without doubt the hardiest clover we have ever grown, standing 40 degrees below zero without the slightest damage and flourishing during the summer heat, as though its home were in the far south. It is a great favorite with bee raisers and its flowers have a sweet and agreeable odor. It is also valuable for mixing with other clovers, as it forms a thick bottom and increases the yield of hay. Sow at the rate of 10 pounds to the acre. Grade A, lb. 35c, pk. \$2.65, bu. (60 lbs.) \$10.00; Grade B, pk. \$2.50, bu. \$9.00.

**Bokhara Clover.** (*Melilotus Leucantha*.) A rather tall growing white flowered variety that is excellent for bee food, for which purpose it is largely grown in many sections. The best results are obtained by sowing it in the early spring in drills 12 inches apart, sowing 10 pounds per acre. Lb. 25c, pk. \$3.50, bu. (60 lbs.) \$12.00.

**Crimson Clover.** (*Trifolium Incarnatum*.) This is an annual variety which has been grown largely in the southern, middle and northern states. In good ground it often grows to the height of 2 feet, and even in poor soil where red clover fails it will make a splendid growth. The yield in fodder is immense, and after cutting it at once commences to grow again and continues until cold, freezing weather. Sow at the rate of 10 pounds per acre. Lb. 25c, pk. \$1.60, bu. (60 lbs.) \$6.00.

**Mammoth Red Clover.** (*Trifolium Pratense Perenne*.) Also called English and Sapling. Tall growing species that is used by farmers for hog pasture. It makes a marvelous growth in rich loamy soils and a splendid showing on thin land. Ripens with Timothy and should be sown with it, using about 10 or 12 pounds per acre and 20 pounds of Timothy. Popular for plowing under as a fertilizer. Grade A, lb. 30c, pk. \$1.60, bu. (60 lbs.) \$6.15; grade B, pk. \$1.50, bu. \$5.75.



WHITE CLOVER.



ALFALFA.

**White Clover.** (*Trifolium Repens*.) A species that is very fragrant and exceedingly desirable for mixing with lawn grass seeds. Although it is not a heavy producer, it is of great value for use in permanent pastures, as it affords most nutritious food for sheep and cattle. This variety will succeed in almost any soil. Usually about 6 pounds are sown to the acre. Grade A, lb. 30c, pk. \$2.75, bu. (60 lbs.) \$10.00; grade B, pk. \$2.50, bu. \$9.50.

**Sainfoin or Espartette.** (*Onobrychis Sativa*) A most valuable plant for stock feeding. For the best results sow seed early in the season. Sow 40 lbs. per acre. Lb. 25c, postpaid; by express or freight, 10 lbs. \$1.00, 50 lbs. \$4.50, 100 lbs. \$8.50.



### Medium Red Clover.

(*Trifolium Pratense*.) This is also listed as "June Clover" by some firms, but it is simply Red Clover and we don't want the farmers to think it is anything else. Our seed is carefully grown and selected for seed purposes and we know the government report will back up our claim, which is, that there is no other firm in America more particular regarding the purity of their seeds than ourselves. About 15 or 18 pounds are sown to the acre. For pasturage when sown with grasses it is excellent. It attains a height of 3 feet; is said by many to be the best clover for hay. We are not going to say (as some of our competitors do) that we are the only seedsmen in America who grow Grass and Clover seeds or that can supply good seed, but there is no firm in the West or Northwest that can beat our "Selected" Medium Red Clover. They may have just as good, but they can't possibly have seed that will surpass it in hardness and vigorous, rapid growth. Weight 60 pounds per bushel. Grade A, lb. 30c, pk. \$1.75, bu. (60 lbs.) \$6.00; grade B, pk. \$1.50, bu. \$5.75.

**Timothy.** (*Phleum Pratense*.) This seed is worth it and be convinced. It thrives best on moist, loamy soils and under favorable conditions usually attains a height of about 4 feet. It is relished by all kinds of stock as it yields a larger percentage of nutritive matter than any other early grass. It is not a success as a pasture grass, but of great value for hay. Our knowledge of the different kinds of timothy proves to us that the seed we offer is of unusual vigor and the yield certain to surpass that of seed grown in the middle and southern states. Sow at the rate of 12 pounds per acre. Grade A, lb. 25c, pk. 90c, bu. (45 lbs.) \$3.40; grade B, pk. 80c, bu. \$3.15.

**Serradella.** (See cut.) The greatest honey producing plant in the world. Its nutritive value is superior to Red Clover and the yield is much heavier. Serradella also has the peculiarity of thriving on any soil and doing equally well in any locality. All kinds of cattle like it and sheep are particularly fond of this splendid plant. Our supply has been obtained direct and the seed which we offer is of the finest quality. Lb. 25c, 3 lbs. 60c, postpaid; by express or freight, 10 lbs. \$1.15, 100 lbs. \$10.00.



THE HONEY PLANT.

## SELECTED AND RECLEANED GRASS SEED.



BERMUDA GRASS.

Grasses, Clover, etc., are subject to market fluctuations. Should our present stock become exhausted we will fill orders at market prices.

**Bermuda Grass.** (See cut.) This plant has long been naturalized in the southern states. It is a tender, delicate grass, growing over and binding the most arid and loose land, and grows luxuriantly in every kind of soil; very valuable for pasture, as well as for hay crop; time of sowing, April to June. Three to five pounds will sow one acre; seed very scarce and difficult to obtain. Oz. pkt. 15c, 1-4 lb. 50c, 1b. \$1.25, 5 lbs. \$5.00.

**Creeping Bent Grass.**

(*Agrostis Stolonifera*.) Largely used in mixtures of grass seed for pastures and also for lawns. It will thrive on moderately moist lands and is a very desirable grass to be sown for croquet and small grass plots. For the last named purpose 1 pound will be sufficient to sow a space of 15x20 feet. Lb. 30c. By express 10 lbs. \$1.75, 100 lbs. \$15.00.

**Crested Dog's Tail.** (See *Crested Dog's Tail*, cut.)

(*Cynodon Cristatus*.) A desirable dwarf-growing grass that is valuable on dry soils and hills pastured by sheep. It is also largely used in lawn grass mixtures on account of its dense growth and the fact that it is exceedingly hardy and very little affected by either hot or cold weather. Sow 25 pounds per acre. Lb. 45c, 10 lbs. \$3.00.

**English Rye Grass.** (*Lolium Perenne*.) This and Orchard Grass have sprung into popularity during

the last two years, and the English, or, as it is often called, Perennial Rye Grass, has proven to be of great value for mixing with other grasses for pasturing. It succeeds in almost any soil, but gives the best results on moist lands. Sow 20 to 30 pounds per acre. Lb. 25c, 10 lbs. \$1.00, 100 lbs. \$6.50.

**Hard Fescue.** (*Festuca Duriuscula*.) The merit of this grass lies in its ability to thrive on dry, sandy soils unfit for the growth of better grasses, and its drought resisting qualities. It is particularly adapted to the cooler and mountainous regions, and makes valuable sheep pasture. A hardy perennial growing 2 to 3 feet in height and flowering in June. Sow 2½ to 3 bushels per acre. Lb. 35c. By express 10 lbs. \$1.50.

**Fowl Meadow Grass.**

(*Panicaria Nervata*.) A native grass found in the bottomlands in the eastern half of the Northern States and highly recommended for permanent pastures and meadows. It prefers low and moist lands and succeeds

Meadow Fox Tail well in wet meadows or low places along streams. It is a perennial growing about two feet high and flowers in July and August. Lb. 25c; by express, 10 lbs. \$1.60, 100 lbs. \$15.00.

**Italian Rye Grass.** (*Lolium Italicum*.) A quick growing grass attaining a greater height than English Rye and is very desirable for meadows or permanent pastures. Thrives

best on rich soils that are slightly moist. Sow at the rate of 20 pounds per acre. Grows easily, and bears an abundance of foliage that makes the best hay imaginable. Lb. 25c. By express 10 lbs. \$1.00, 100 lbs. \$8.00.

**MEADOW FESCUE OR ENGLISH BLUE GRASS.**

(*Festuca Elatior*.) Famous in Europe and very popular wherever known in America. Succeeds best on moist lands and is an excellent pasture grass when sown with other varieties. For permanent pasture an English authority says it is unequalled. Sow alone at the rate of 25 pounds per acre. Lb. 30c, 10 lbs. \$1.75, 100 lbs. \$15.00.

**Meadow Soft Grass.**

(*Holcus Lanatus*.) Introduced from Europe and considered especially valuable for soft, spongy, peaty grounds. It grows equally well on light, dry lands and seems to be of especial value for the south. It is very productive; a hardy perennial 18 to 20 in. high, flowering in June. Lb. 25c postpaid; by express, 10 lbs. 80c, 100 lbs. \$7.50.



MEADOW FESCUE.

**Johnson Grass.** (See cut.)

We have experimented with this new grass for several years, and find that it winter-kills in the northern parts of this state; in the extreme southern parts of this state and the southern states it does well. A perennial, a rapid grower, long, cane-like roots; the leaf, stalk, and panicle of this grass resembling those of other Sorghums. It grows on any land where corn will grow, and, like corn, will bear heavy manuring, yielding richly in rich ground. In fact, the richer the land the better the crop. Twenty-five to thirty pounds will sow an acre. Lb. 30c. By express 10 lbs. \$1.25, 100 lbs. \$10.00.

**Kentucky Blue Grass.**

(*Poa Pratensis*.) 14 pounds per bushel. Probably no other grass is so well known as Kentucky Blue Grass. It succeeds anywhere; is fine for dry meadow growth. Sow 3 bushels per acre. Cut as the seeds begin to ripen and carefully spread out, protecting from moisture. Stack and shelter when dry. **BEST**

**FANCY GRADE, Solid Seed—Lb. 30c; by express or freight 5 lb. 60c, 25 lb. \$2.75, 100 lbs. \$10.00. EXTRA RECLEANED—Lb. 25c, 5 lb. 50c, 25 lb. \$1.75. PRIME RECLEANED SEED—Lb. 20c, 5 lb. 40c, 25 lb. \$1.50, 100 lbs. \$6.00.**

**Meadow Foxtail.** (See cut. (*Alopecurus Pratensis*.) An erect perennial, in appearance slightly resembling Timothy. Valuable for permanent pastures and does best on good, moderately moist soils. If sown alone, use 25 pounds to the acre. The farmers in England consider it one of the best grasses on account of its enormous growth and enormous crops. Lb. 30c. By express 10 lbs. \$2.00, 100 lbs. \$18.

**Orchard Grass.** (See cut.) (*Dactylis Glomerata*.) An extremely early grass that thrives in almost any soil and does remarkably well even in the poorest soils. Valuable for pastures and is wonderfully productive. **Orchard grass is usually ready for cutting about 20 days ahead of timothy, and for mixing with other grasses it is unsurpassed. It grows rapidly and when sown alone will yield from one to three tons of hay per acre. For best results sow about 30 pounds to the acre. Lb. 30c, pk. 65c, bu. (14 lbs.) \$2.25.**

**Red Top.** (See cut.) (*Vulgaria*.) Particularly desirable for permanent pasture. Sheep like it either as grass or hay. Good for sowing on wet, undrained land that is occasionally overflowed. Sow about 14 pounds chaff per acre and one-fourth that amount of solid seed. **Solid Seed, Fancy Stock, Grade A—Lb. 30c, pk. \$100, bu. (32 lb.) \$4.00. Solid Seed, Grade B—Pkg. 80c, bu. \$3.00. Chaff, Grade A—Lb. 20c, Chaff Grade B—Pkg. 25c, bu. 75c.**



ITALIAN RYE GRASS.

pk. 30c, bu. (14 lbs) 90c.

**Reed Canary Grass.** (See cut.) (*Phalaris Arundinacea*.) This is a strong growing perennial attaining a height of from 2 to 4 feet. It succeeds best on stiff, wet and land flooded fields and grows fairly well on

dry, sandy soil. As the root stocks are strong and creep extensively it is valuable for binding banks of rivers and ditches where there is ample water supply. When designed for hay it should be cut before flowering. Lb. 75c. By express 10 lbs. \$6.00.

**Rhode Island Bent Grass.** (*Agrostis Canina*.) A

valuable perennial.

For lawn purposes, if sown alone, sow at the rate of 40 lbs. per acre; for pasturage, 24 lbs. per acre. Lb. 40c; by express, 10 lbs. \$2.25.

**Rescue Grass.** (See cut.) (*Bromus*

*Unioloides*.) This is a native of South America and considered especially valuable in the Southern States as it makes its chief growth during the cooler months of the year. It grows rapidly, seeds freely and dies after seeding. If the seeds are allowed to fall, young plants soon appear and a continuous growth of grass may be maintained. Sow 30 to 40 pounds to the acre. Lb. 40c. By express 10 lbs. \$2.25, 100 lbs. \$20.00.



FOWL MEADOW.



JOHNSON GRASS.



RED TOP.

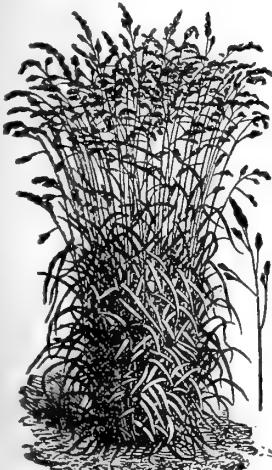
## GRASS SEED--Concluded.



RESCUE GRASS.

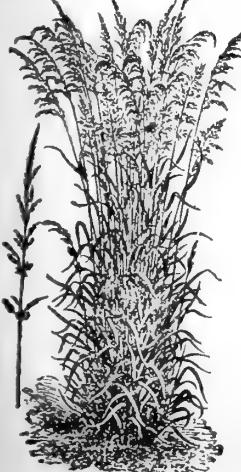
**Sweet Vernal Perennial.** (See cut.) (Anemone Vernalis.) Exceedingly valuable for mixing with pasture grasses, as it emits, when partially dry, a very fragrant odor that is considered very desirable for sweetening hay. It grows quickly in good soils, and when mixed with other grasses about 3 pounds are put into a mixture per acre. Lb. 30c; by express or freight, 10 lbs. \$1.50, 100 lbs. \$13.00.

Rarely sown alone; with other grasses. Lb. 50c; by express or freight, 10 lbs. \$3.50.



ORCHARD GRASS.

**Wood Meadow Grass.** (Poa Nemoralis.) This grass makes excellent hay and is particularly adapted to the dry foot hills and bench lands of Montana and the Northwest. It delights in dry soil. Lb. 50c; by express or freight, 10 lbs. \$3.50.



TALL FESCUE

Grasses, Clovers, etc., are subject to market fluctuations. Should our present stock become exhausted we will fill orders at market prices. Prices quoted by the pound include the prepayment of postage by us.

**Rough Stalk Meadow Grass.** (Poa Trivialis.) This is closely related to the Kentucky Blue Grass and is highly esteemed in England where it is used with other sorts to form permanent pastures. It succeeds best in moist soils and will not thrive in sandy soil. It is a hardy perennial, growing 2 to 3 feet in height, and flowers in July. When sown alone, from 25 to 30 pounds per acre is required. Lb. 40c; by express or freight, 10 lbs. \$2.50.

**Sweet Vernal.** (See cut.) (Anthoxanthum Odoratum.) Exceedingly valuable for mixing with pasture grasses, as it emits, when partially dry, a very fragrant odor that is considered very desirable for sweetening hay. It grows quickly in good soils, and when mixed with other grasses about 3 pounds are put into a mixture per acre. Lb. 30c; by express or freight, 10 lbs. \$1.50, 100 lbs. \$13.00.

Rarely sown alone; with other grasses. Lb. 50c; by express or freight, 10 lbs. \$3.50.

## Our Special Clover Grass Mixtures Suitable For All Soils.

With the growing demand for extra fine pastures and meadows during the past few years, we have had numerous inquiries from our patrons, asking us to make different mixtures for different soils and requirements. Following we give a number of high grade mixtures, suitable to all soils and requirements.

These Clover Grass Mixtures are selected with the greatest of care and composed of such varieties as are best adapted for different kinds of soils and various purposes. From our own experience, as well as from the experience gained by corresponding with our customers in every part of the country, we are enabled to select in these Clover Grass Mixtures not only the varieties as are suited to the soil, but have them in the right proportion in each mixture. In every instance we mention the quantities which we recommend to be sown per acre; and not only have these proven to be sufficient in our own experiments carried on during several years, but they have proven to be equally successful and sufficient with our patrons:

**PRICES**—No. 1, 2, 3, 4, 5, 6, 7, 8, 9, 11, 12, 13, per lb. 20c, postpaid; by express or freight, 5 lbs. 60c, 100 lbs. \$11.00, at purchaser's expense. No. 10, per lb. 22c, postpaid; by express or freight, 5 lbs. 70c, 100 lbs. \$13.00.

## CLOVER GRASS MIXTURES FOR PERMANENT MEADOWS.

No. 1—For moist ground and rich soils. Sow 18 lbs. per acre.

Meadow Foxtail. Italian Rye Grass. Sweet Vernal. Meadow Fescue. Timothy. Alsike. Tall Meadow Oat Grass.

No. 2—For moist ground which is occasionally overflowed. Sow 16 lbs. per acre.

Tall Fescue. Red Top. Timothy. Meadow Fescue. Meadow Foxtail. Alsike. Fox Tail. Alsike.

No. 3—For high and dry ground, light or medium soils. Sow 20 lbs. per acre.

Red Fescue. Timothy. Red Clover. Crested Dogtail. Sweet Vernal. Hard Fescue.

No. 4—For high and dry ground, heavy or strong soil. Sow 20 lbs. per acre.

Tall Meadow Oat Grass. Sweet Vernal. Timothy. Hard Fescue. Red Top. Red Clover. Meadow Fescue. English Rye Grass. Alsike.

No. 5—For top seeding on marshes and swampy places, occasionally overflowed, the following mixture is adapted. Sow 10 lbs. per acre:

Meadow Foxtail. Tall Fescue. Floating Meadow Grass. Red Top. Water Spear Grass.

No. 6—For light, sandy and

gravelly soils. Sow 20 lbs. per acre.

White Clover. Hard Fescue. Soft Brome Grass. Red Top. Rescue Grass. Bromus Inermus. Sheep's Fescue.

## CLOVER GRASS MIXTURES FOR PERMANENT PASTURES.

No. 7—For moist ground and rich soils. Sow 20 lbs. per acre.

Meadow Fescue. English Rye Grass. Red Top. Fowl Meadow. Italian Rye Grass. Alsike. Meadow Foxtail. Blue Grass.

White Clover. Orchard Grass. Timothy. Red Clover. Tall Meadow Oat Grass. Blue Grass. White Clover. Orchard Grass. Timothy. Red Clover.

No. 8—For high and dry ground, clay or heavy soils. Sow 22 lbs. per acre.

Red Fescue. English Rye Grass. Timothy. Meadow Fescue. Italian Rye Grass. Red Clover. Tall Meadow Oat Grass. Blue Grass.

White Clover. Orchard Grass. Alsike.

No. 9—For high and dry ground, light soils. Sow 22 lbs. per acre.

Hard Fescue. Lucerne. English Rye Grass. Red Fescue. Yellow Oat Grass. Red Clover. Meadow Fescue. Red Top. White Clover. Crested Dogtail.

No. 10—To improve pastures by top seeding, or for low, rich, marshy ground. Sow 10 lbs. per acre.

Fowl Meadow. Tall Fescue.

Creeping Bent. Red Top. Alsike.

No. 11—For top seeding for wood pastures, orchards and other shady places. Sow 10 lbs. per acre.

Tall Meadow Oat Grass. Sweet Vernal. Timothy. Orchard Grass. White Clover. Meadow Foxtail. Blue Grass. Alsike.

No. 12—For sheep pastures on light, sandy soils, or dry uplands and hillsides. Sow 22 lbs. per acre.

Sheep's Fescue. Crested Dogtail. Sweet Vernal. Hard Fescue. White Clover.

No. 13—This is intended for dairymen and others who wish to mow an early crop of hay, and use the meadows for pasture the remainder of the season. Sow 20 lbs. per acre.

Timothy. Orchard Grass. Tall Meadow Oat Grass. Red Clover. Meadow Fox Tail. English Rye Grass. Alsike. Meadow Fescue. Italian Rye Grass.

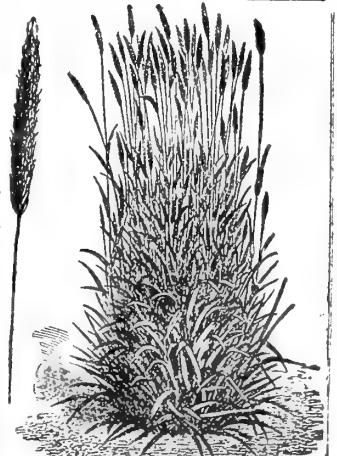
**Tall Fescue.** (See cut.) (Festuca Elatior.) This valuable grass is extensively cultivated both in this country and Europe and is highly valued for permanent meadows. Though coarse in habit it makes very good hay, it being very nutritious and is greedily eaten by all stock. It is a good pasture grass and in the latitude of Virginia furnishes good grazing in midwinter. Not being affected by overflowing and naturally adapted for low lands where the soil is moist and strong, this is one of the best grasses to sow in marshes or places which are often under water. Lb. 30c; by express or freight, 10 lbs. \$1.50, 100 lbs. \$14.00.

**Water Fescue.** This grass has long, creeping roots and prefers a rich, muddy or alluvial soil. As trout, wild ducks and water fowl are fond of the tender shoots and seeds, it is often introduced on the margins of ponds and rivers. It is also greedily eaten by all kinds of stock. Lb. 35c; 10 lbs. \$2.25, 100 lbs. \$20.00.

**Water Spear Grass.** (Glyceria Aquatica.) A variety which prefers low, wet soils and is therefore of great value for land which is often overflowed or underwater. Though a coarse robust grower it produces large crops of nutritious hay. It is a perennial. Lb. 45c; by express or freight, 10 lbs. \$3.00.



TALL OAT GRASS.



MEADOW FOXTAIL.

## MAY'S LAWN GRASS MIXTURES FOR SPECIAL SITUATIONS.

### PREPARATION AND CARE OF LAWNS.

Nothing adds more to the attractiveness of a city or suburban home than a nice, clean, well kept, velvety lawn. Thousands of dollars are annually spent for sodding, which might be saved and better results obtained by sowing a choice mixture of lawn seed. In preparing the soil for a lawn see that it is thoroughly worked fine and mellow to a depth of 8 or 10 inches and well drained. If the soil is sandy, take off the top to a depth of 12 or 15 inches. In the bottom place a layer of stiff clay 4 or 5 inches in depth. This will retain the moisture and obviate frequent and excessive watering with the hose. Cover this layer of clay with a finely pulverized, mellow soil, not too rich, but good enough to produce a healthy growth of grass. If possible, seed bed should be prepared in the fall, leveled and rolled, and the seed sown in the early Spring as soon as the ground can be worked. If there are any slopes south facing, the soil on these should be much deeper than elsewhere, to prevent its drying up quickly.

One pound of bone meal to each 20 square feet of surface, well raked in before sowing the seed, will be found very beneficial and promote the growth of the young plants.

**Seeding.** *Lawn seed may be sown at any time, provided that drought or moisture is not excessive. A dry time is the best for sowing, as raking is then more effectual, and the ground may then be walked on with impunity. Choose a calm day, as the seed is so light. When sown, rake in lightly, using a rake with the teeth not too close together; then roll in with a light roller. Then moisten the ground, using as fine a spray as possible. The best time for watering is in the evening.*

**Top Dressing.** Cut the grass often and leave cuttings on the lawn. The increasing richness of the soil from vegetable accumulations is one reason why old lawns are better than new. Do not cover the lawn all over with stable manure which is to remain there all winter as an offense to the eye, the nostrils and the feet. There is nothing more disgusting than this turning a lawn into a barn-yard, and there is no necessity for it.

**The Quantity of Seed to Sow** depends somewhat on soil, location, etc. We recommend using one quart for each 200 square feet of surface for small lawns. For larger plats from three to four bushels per acre are required.

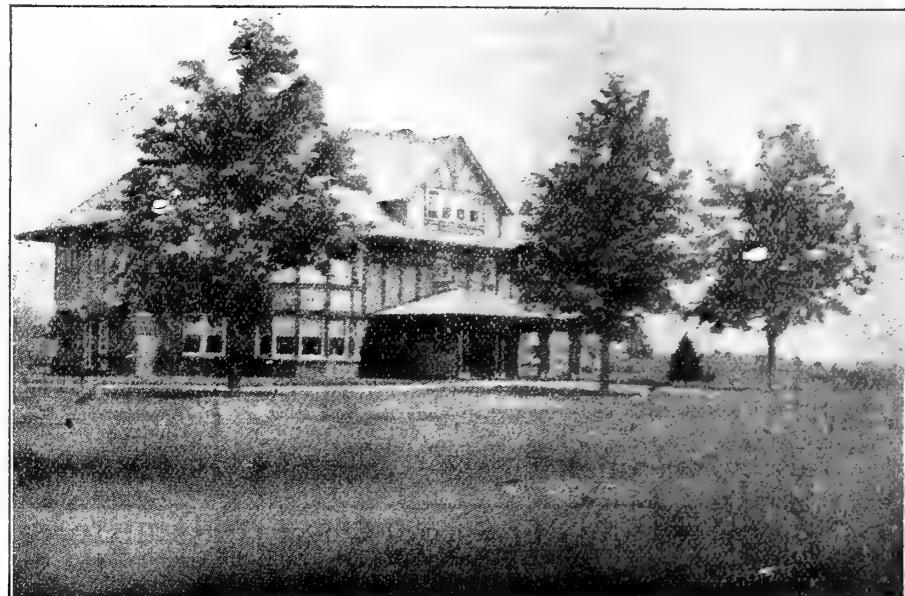
**The Quality of Seed Sown** has much to do with the making of a nice lawn. The mixtures we offer are made from our own special formulas, some of them containing 15 or 20 varieties which experience has shown are best adapted to making nice green lawns. The seed is all cleaned and free from seeds of weeds, and foul grass. Seedsmen are sometimes censured for the appearance of Crab, or Fall Grass, in lawns, but the fact is that the varieties used in lawn mixtures are perennials, seed of which is harvested in early summer, while the Crab Grass is an annual, which matures its seed in September and October. These seeds remain in the ground until conditions are favorable for their germination. Care should be taken to eradicate this coarse grass as fast as it appears.

**To Grass a Bank or Terrace.** For each square rod, take a pound of lawn grass seed and mix it thoroughly with 6 cubic feet of good, dry garden loam. Place in a tub and add liquid manure, diluted with about two-thirds of water, so as to bring the whole to the consistency of mortar. The slope must be made perfectly smooth and then well watered, after which the paste should be applied and made as even and as thin as possible.

**Good Lawns** can be kept in fine condition by the use of our lawn dressings. The Odorless is the nicest to handle and is prepared so as to act gradually throughout the season. It may be applied at any time during the spring, summer or fall, as the grass may need nourishment. It will restore lawns that are apparently ruined by drought.

**May's Odorless Lawn Dressing.** A perfect fertilizer for all lawns, rendering them green, thrifty and luxuriant throughout the entire season. This dressing is prepared so that it will act gradually throughout the season, restoring old lawns to full luxuriance and giving new ones that green, thrifty, velvety appearance so much desired in a lawn. It is perfectly odorless, so that it may be applied by any one at any time without the least offense. It may be applied at any time during the season when the lawn needs nourishment. If you want nice velvety lawns, sow our lawn seed, use our Odorless Dressing and you cannot fail to obtain best results. **5 lbs. 25c, 100 lbs. 45c, 25 lbs. 00c, 50 lbs. \$1.75, 100 lbs. \$3.00.**

**Bone Flour.** This is pure ground bone, and is one of the best fertilizers known. It is entirely free from foreign matter, so there is no danger of introducing seeds of weeds, etc., in its application. As a lawn dresser it is unsurpassed. Should be applied at the rate of one pound to fifty square feet of lawn. It is an excellent fertilizer for all house plants and garden truck, and is highly recommended by all who use it. **5 lbs. 25c, 50 lbs. \$1.75, 100 lbs. \$3.00.**



**Sterilized Sheep Manure** is another excellent dressing for lawns. It is somewhat cheaper than other fertilizers, but equally as effective, and highly recommended for early spring dressing, and for large plats. It is prepared from the fresh droppings of grain-fed sheep, is thoroughly sterilized and sifted to remove all foreign matter, foul seeds, etc., dried, pulverized and rendered odorless in process of manufacture. It is far superior to the sun-dried article, made from grass-fed sheep, which is offered by many dealers, as it contains a higher percentage of plant food ingredients. It makes an excellent fertilizer for roses, chrysanthemums and all flowering plants, bringing them into bloom quickly and increasing the size and quantity of the blossoms. For this purpose it is usually applied in liquid form, using one pound to five gallons of water. It can also be used for all garden vegetables and plants, and can be applied either in the row or hill when planting, or later as a top dressing. **By express or freight, 25 lb. sack 75c, 50 lb. sack \$1.10, 100 lb. sack \$2.00.** Prices on larger quantities quoted on application.

Prices on quarts include prepayment of postage by us. Pecks and bushels are sent by express or freight at purchaser's expense.

**May's Terrace Sod Mixture.** A special mixture of grasses for sowing on terraces and side hills producing strong, spreading roots, thus preventing heavy rains from washing out. It will withstand drought and exposure and thrive on shallow soils and at the same time produce a rich green lawn throughout the season. **Qt. 35c, pk. \$1.75, bu. \$6.50.**

**Central Park Mixture.** For lawns of any extent we recommend this as our best mixture, to be sown three or four bushels to the acre. **Qt. 20c, pk. \$1.10, bu. \$4.00.**

**Shady Nook Mixture.** In many lawns where there are large shade trees there are shady places where ordinary mixtures thrive but poorly or die out altogether. For such spots we have a special mixture of grasses which will grow in the shade as well as in the sun. If you have shady, barren places in your lawn, try our Shady Nook Mixture. **Qt. 35c, pk. \$1.75, bu. \$6.50.**

**Evergreen Mixed Lawn Grass.** This is a good mixture, but does not include so great a number of expensive grasses as Central Park Mixture. **Qt. 20c, pk. 75c, bu. \$2.75.**

**May's Special Golf Link Mixture.** This mixture is composed of grasses best suited for golf links, and is the result of experiments conducted on our grounds, as well as careful watching for several years of practical results obtained on golf links sown with our grass seeds. By the use of these mixtures and with proper care and attention, the finest golf links in the world can be successfully rivaled. **Qt. 25c, pk. \$1.25, bu. \$4.50.**

**Tennis Court Mixture.** Composed of a variety of fine, dwarf, close growing grasses, which will insure a fine, thrifty and always green sod especially adapted to the requirements of Tennis Courts, Cricket fields etc. Deep and thorough working of the soil, should precede sowing of the seed and the surface should be fine and smooth. **Qt. 35c, pk. \$1.50, bu. \$5.50.**

**Eureka Weed Killer.** *The Gardener's Friend.* This is a preparation for killing weeds in walks, carriage drives, stable yards, courts, etc., and keeping them under the whole season. It brightens gravel walks without staining or imparting any unpleasant odors or making the paths greasy. It is a powder, and contains full instructions for using on the can. Put up in 3-lb. cans, sufficient for 100 square yards of path. **Per can 50c.**

# THE FAMOUS WHITE OAT BONANZA KING.

BIG YIELD  
PER ACRE

H.W. BOTZ,  
SAUK CENTRE, MINN.  
143 BUS.

W.R. STRICKLAND,  
ALBION, N.Y.  
134 BUS.

C. STRAFUSS,  
WILLIAMSBURG, KANS.  
141 BUS.

D.A. SINKEY,  
CARSON CITY, MICH.  
112 BUS.

C. NOW.  
LEE, ILLS.  
109 BUS.



## BONANZA KING.

A Record Breaker Oats---Yields of 75 to 143 Bushels Per Acre---It Has Given Great Satisfaction Everywhere and Thousands of Farmers Throughout the Country Having Raised Them Say That They Stand at the Head.

The straw is very stiff, supporting long heads that stool freely and yield remarkably. The original seed stock was selected from a crop that weighed over 45 pounds to the measured bushel. The grain is as heavy as any in existence today, and from recent tests proves it far superior to any white oats in cultivation. The Bonanza King has been carefully selected and improved for several years until it now stands, with a record that has never been equaled. We hope to supply all our customers who want to change their seed and every farmer knows that change of seed is a great benefit and, as long as such a grand variety can be had at as low a price, we believe it is to their advantage to do so. Order early as there promises to be an extraordinary large demand this spring. Lb. 25c, pk. 35c, bu. \$1.25, bag 21-2 bu. \$2.75.

**Black Tartarian.** The most prolific and distinct variety of Black Oats ever introduced. Many farmers are convinced that Black Oats are more reliable croppers than white, which is to a certain extent true, as they will endure more hardship and exposure and still make a good crop. These oats are the result of an importation of seed from England several years ago, where black oats are much preferred and about three times as many are grown as of white oats. They are fully as good as the white sort for feeding, and are very early. The straw is very stiff, the heads are long, and yield heavy crops of grain weighing thirty-five to forty-five pounds to the measured bushel. Claimed by many to be almost drought proof. Our seed has been carefully grown, and we are sure that every one who grows it will be well pleased with it. They have always been free from rust, mainly on account of vigorous growth and early maturity. Lb. 25c, pk. 35c, bu. \$1.25, bag 21-2 bu. \$2.75.

**Lincoln Oats.** This new oats has done remarkably well in all sections. It is very early and thus far proved to be rust proof. It has given wonderful results as a yielder, in one instance 170 bushels were grown from one bushel of seed. Straw is stiff and strong. Grain is handsome and is valuable for feeding as well as grinding for oatmeal on account of its thin hull and heavy meat. Lb. 20c, pk. 25c, bu. 90c, bag 21-2 bu. \$2.00.

**Golden Cluster.** The original seed of this sort was obtained direct from Scotland, and was carefully planted and grown by us. It proves to be very hardy and a vigorous grower. In height it averages about the same as our famous Scottish Chief. The straw is very stiff, and is never known to lodge. It has a record of yielding 105 bushels to the acre, when other varieties in the same field yielded only 50 and 60 bushels. The seed we offer of this sort is grown by us therefore the genuine. Lb. 25c, by express or freight; pk. 60, bu. \$2.00, bag 21-2 bu. \$4.50.

143 BUS. PER ACRE

F.M. JOHNSON & SONS

**A Single Head of  
White Russian  
Oats.**  
**Grows to a  
Height of  
4 1-2 Feet.**



On farm seeds quoted by the pound we prepay postage. Farm seed by the peck or bushel we do not deliver free, but make no charge for packing, cartage, bags or delivery to any railroad station or express office in St. Paul.

**White Russian.** (See cut.) This splendid oat, although quite extensively grown in some sections, is not as well known as some of the older sorts, and is not receiving the attention it deserves. Some farmers who are not acquainted with the Russian Oat have an idea it is very late. It will ripen from 4 to 6 days later than our earliest oat here in Minnesota. If a quantity of oats are to be sown it is always best to sow two kinds, an early and a late. Sow Scottish Chief for early, and for second early sow White Russian. It will not shell out even if it does get over ripe. Heavy rain storms will not lodge it, for it grows such stiff and strong straw. The kernels are of good size and uniform length. The heads are long heavy laden, curve gracefully downward, sometimes nearly a foot in length, with kernels crowded closely together. It is in fact the prettiest white oat introduced, and will always bring the highest price on the market. In this great grain growing state, Minnesota, the Russian Oats are grown more extensively than any other sort, which speaks well for its superiority in the grain market, as well as its earliness. Our seed of this variety has been carefully selected, and we highly recommend it to our customers. Lb. 25c postpaid; by express or freight, pk. 30c, bu. 90c, bag (2 1/2 bu.) \$2.00.

**MAY'S PROLIFIC COW PEAS.**

Cow peas are to the South what clover is to the North and what Alfalfa is to the West. There is now a widespread disposition to plant cow peas farther north than formerly on account of their quick growing habit and their great value for ensilage and soil improvement purposes. It has strong roots and heavy foliage, possessing great fertilizing powers. It draws its nourishment very heavily from the air, and returns it in a richer measure to the soil, therefore enriching it to a degree that is remarkable. **In the cow pea we have a fertilizer and a food at the same time.** If not desired as a fertilizer, it makes a fine fodder for cattle. The cow pea ranks very high as a soil enricher, gathering immense quantities of nitrogen from the atmosphere. The ripe peas contain no less than 18 1/2 per cent of digestible protein. The vines properly cured are a most valuable fodder for cattle and sheep, being richer in protein and fat than the best clover hay. This is not exactly a pea, but belongs more properly to the bean family. It requires a full season to mature and ripen the pods. If desired the pods may be harvested for the grain and the vines plowed under to fertilize the soil. The seed or grain is ground and used for cattle fodder; the leaves and stalks also make good fodder fed green. **Poor sandy land may be greatly improved by plowing under a crop of cow peas and thus made into a fertile loam.** Plant in a thoroughly pulverized soil. If wanted to plow under for manure, sow with a drill, in drills a foot apart. If grown for seed, plant 3 1/2 feet apart and 1 foot in the row, and cultivate thoroughly by using 25 pounds of seed per acre. The yield of peas in a dry state is from 40 to 60 bushels per acre. Price of Prolific Cow Peas, pkt. 10c, lb. 25c postpaid; by express or freight, 15 lbs. 80c, 25 lbs. \$1.15, 50 lbs. \$2.00, 100 lbs. \$3.00.

**Canada Field Peas.** These are very valuable for fattening stock, and can also be grown for soiling purposes, but are of greater value for fodder, when fed as ground feed, or the vines can be cured for hay, which is of great nutritive value. They can be sown alone or with oats. If sown alone, sow at the rate of 2 bushels per acre, and if with oats, 1 bushel of peas and 1 1/2 bushel of oats are required. The latter method is the most profitable, and a double crop can be secured at the same time. Threshed together they can be easily separated, but make the best and most nutritious food when ground together. These peas should not be grown on very rich soil, as they will run to vine instead of pod, unless grown for renovating purposes. Pt. 20c, qt. 35c, postpaid; by express or freight, pk. 40c, bu. \$1.50, 10 bu. \$14.00.

**Canada Field Peas.** (Green.) Height of vine, 3 1/2 to four feet; of the same general character as Canada White Field; used for the same purposes. The seed is green in color. Pt. 20c, qt. 35c postpaid; by express or freight, pk. 40c, bu. \$1.50, 10 bu. \$14.00.

**MAY'S FAMOUS HOG PASTURE MIXTURES.**

For several years past we have made up for a number of our customers a special mixture for their Hog Pasture. **In our experience we find that hogs can be raised more profitably on grass and clover than on corn only.** Land that will produce corn will grow a fine crop of grass and clover easily, and it is just as easy, and certainly more convenient, to provide clover and grasses as corn, as the pigs will do the work themselves, gaining in flesh, besides keeping healthy and strong. Quick results and full crop and use of the pasture can be had the first summer from the properly selected mixture. **We have given special attention to the selection of the varieties and to the making up of the mixtures for Hog Pastures, and have arranged them so as to get quick results and a good crop, as well as to obtain a permanent pasture and have the use of it the first year.**

**No. 1.** Hog Pasture clover grass mixture for quick results and a full crop the first year. When sown early in spring the heavy growth of the grasses and clover will furnish a fine pasture throughout the summer. By careful experiments we find that Crimson Clover in the right proportion used with other grasses is well adapted to this mixture. Mammoth Clover, English Rye, Italian Rye, Crimson Clover, Tall Meadow Oat. Sow 15 pounds per acre: 10 lbs. \$1.15, 25 lbs. \$2.75, 50 lbs. \$5.25, 100 lbs. \$10.00.

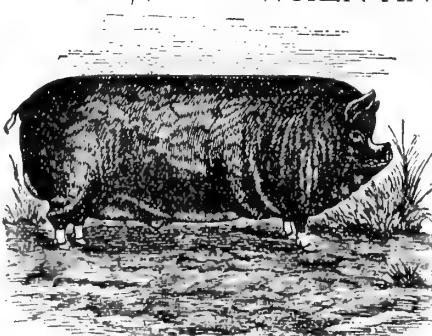
**No. 2.** Specially adapted for a permanent pasture. The grasses contained therein are A No. 1. They sink their roots deeply as a rule, and furnish a great abundance of herbage the entire season. We cannot too strongly recommend this for permanent pastures: English Blue Grass, Orchard Grass, Mammoth Clover, Rough Stalk Meadow, Alsike Clover, White Clover, Timothy. Sow 15 pounds per acre: 10 lbs. \$1.15, 25 lbs. \$2.75, 50 lbs. \$5.25, 100 lbs. \$10.00.

**No. 3.** Pasture mixture for quick results and a full crop the first year. When sown early in the spring the mixture will afford an excellent growth and will furnish a fine pasture throughout the entire season. This mixture in every instance has proven very satisfactory. Generally speaking, this mixture consists of the following varieties: Soja Bean, Vetches, Rape, Field Peas, Japanese Millet, Sugar Cane, Speltz. Sow 100 pounds per acre: 10 lbs. 75c, 25 lbs. \$1.25, 50 lbs. \$2.25, 100 lbs. \$4.25.

**WHEN AND HOW TO SOW THE SEED.**

The most rapid way of obtaining a grass crop is to sow the seed alone without any grain. If this is done early in the spring a nearly full crop or pasture can be had the same year and a heavy one the next year. Many farmers sow grass seed in the spring with grain to save labor, and as they suppose, to protect the young plants. However, it involves the loss of a year in either hay or pasture, aside from endangering the grass and likely losing it altogether. The young plants are in no way protected by the grain, and when this is cut the young grass and clover is very tender, having been shaded by the grain, and the cutting or harvesting suddenly exposes the young grass to the sun at the hottest season of the year. There is great danger then that it will be burned out. When the grass is sown by itself the young plants are hardened and more able to withstand the hot and dry sun.

For complete list of Grasses and Grass and Clover Mixtures suitable for all soils see pages 56 and 57.



**FIELD PEAS.**

# CHOICE RE-CLEANED SEED WHEAT.

## MAY'S EARLY WONDER.

**The Greatest Wheat Ever Offered. Most Prolific, Heaviest Stooling, and the Best Milling Wheat That Can Be Grown.**

**Description.** This, together with Oats and Corn, is the greatest of all the farmer's crops, and no bright, intelligent man who wants to make his farm pay looks at the few extra cents that he has to pay for carefully improved seed stock of any kind. Our Early Wonder Wheat is the result of years of testing and experimenting with all the different varieties which have been offered the past few years, and out of the entire lot this wheat was selected, and has been improved each season until we now offer it with the feeling that we have secured wheat which will in time take the place of all other varieties. It has proven to be the most prolific, heaviest stooling and finest milling wheat ever offered, and this is enough to recommend it to any farmer who is a wheat grower. Its being grown for years in the extreme North assures all of its hardiness. This, with its heavy yields and its earliness, will make it the most desirable variety for all sections of America. If you want to get a heavy yield and make money this season, you can do it by sowing the Early Wonder Wheat, Bonanza King Oats and Mastodon Corn, the three heavy cropping farm favorites.

### Five Good Reasons Why "Early Wonder" Should be Sown by Every Farmer in America.

1—It's the heaviest yielding wheat in the world. 2—It's perfectly hardy and can be grown in any section. 3—It's early, and this alone is a valuable point. 4—It makes the choicest flour and is the best milling wheat we know of. 5—It will increase your crops and bring you more money per acre than any other wheat.

Prices: By mail, pkt. (2 oz.) 10c, lb. 30c, 4 lb. \$1.00, postpaid; by freight or express, pk. 65c, 1-2 bu. \$100, bu. \$1.75, bag (2 1-2 bu.) \$4.25, 5 bu. \$8.00.

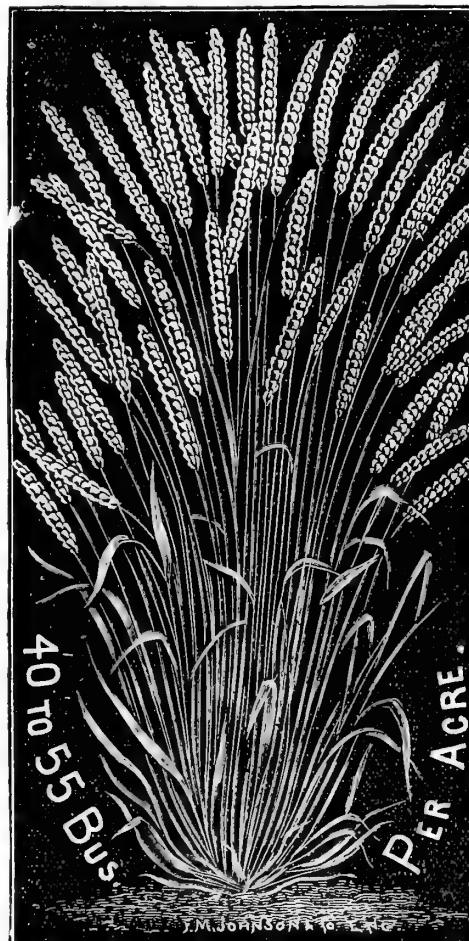
**CAUTION.**—We have not sold an ounce of this variety to any dealer or seedsman, and the true stock can only be procured direct from us this season. We caution our friends about this for fear some unprincipled dealers will take advantage of the great reputation this wheat has, and palm off some old worthless wheat for the Early Wonder. Get your neighbors to order with you and you can all save money on lots of 5 bushels.

### Pedigree Blue Stem. (See cut.)

The heavy yielding wheat of the northwestern states. New kinds of seed grain, etc. are introduced every year but it is seldom that a variety proves itself superior everywhere and under all conditions and meets with so much favor as the Blue Stem Wheat has

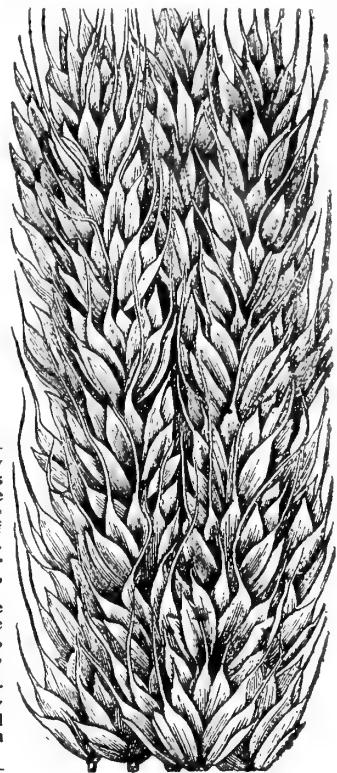
done. Not only here at home in the Northwest where wheat is the main crop, but everywhere and under all conditions.

The heads are very large and well filled out, the kernel is hard, the plant stools freely, and under ordinary favorable conditions, will yield 40 to 50 bushels per acre. It is an improvement on Blue Stem wheat. We have secured our seed direct from the originator, and can recommend it to the wheat growers who wish to change their seed and get a new strain of this splendid and productive milling wheat. Lb. 25c, pk. 50c, bu. \$1.50, 5 bu. \$7.00, 10 bu. \$13.50.



MAY'S EARLY WONDER.

Prices by pound lots include the payment of postage. In comparing prices, remember we make no charge for bags, packing, or cartage but deliver free to any railroad station in St. Paul.



### SASKATCHEWAN FIFE.

### Saskatchewan Fife Spring Wheat.

(See cut.) This wheat has become so well known that a description of it is almost unnecessary. It is noted for its great productiveness, earliness, vigor and freedom from smut and all diseases. It is ten days earlier than the common fife, straw growing about a foot taller, standing stiff and strong. Its greatest point of excellence is the hard and shiny kernels whereby it is recognized as an A. No. 1 milling wheat, adapted to all states where spring wheat can be grown. We have carefully grown and selected this wheat for seed purposes, and our stock is undoubtedly the best of the hard fife sorts. Lb. 25c, pk. 50c, bu. \$1.50, 5 bu. \$7.00, 10 bu. \$13.50.

**Flax for Sowing.** The demand for increase each season and the acreage in the Northwest last year was very large indeed. It should be sown late enough in the spring to avoid frost but as early as it is possible to do so in order to secure the early spring rains. When grown for the fibre about one bushel should be sown to the acre, but if for seed alone usually  $\frac{1}{2}$  bushel is sufficient. Cut it before thoroughly ripe and if the weather is warm and the earth dry let it lie in the swath a few hours, when it should be raked and secured for the winter. Thresh during dry weather in the fall months. Lb. 25c, pk. 65c, bu. \$2.00

### Dakota Mammoth Spring

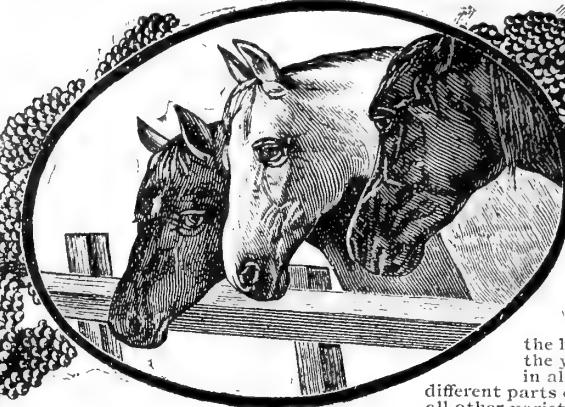
**Rye.** Without doubt the heaviest yielding variety that has ever been introduced, and the increased sales each year prove that it is of the greatest value to the farmer. Its greatest value is as a "catch" crop to sow where winter grain has been a failure. The straw is stiffer and shorter than the winter variety, but yield is certain to be satisfactory to every one. Our Dakota Mammoth Spring Rye has been carefully saved and improved for several years past, and is the cleanest lot of rye we have ever seen. Sow at the same time you do Spring Wheat, at the rate of  $1\frac{1}{2}$  bushels per acre. Lb. 25c, postpaid, by express or freight, pk. 40c, bu. \$1.35.

**Rye, Fall or Winter.** This is the sure crop for dry country ranches. Lb. 25c, pk. 40c, bu. \$1.35.

**Minnesota No. 163.** The new heavy stooling spring wheat. For description see inside front cover.

**Reliable Minnesota.** (Winter Wheat.) Beyond doubt the hardiest, most reliable, and heaviest yielding wheat ever introduced. Lb. 25c, pk. 60c, bu. \$2.00.

## A Single Head of Siberian Millet.



### THE NEW HEAVY YIELDING SIBERIAN MILLET.

Valuable for all sections of America. It is the greatest stoker ever introduced. Six quarts will sow an acre. Try it. Nothing since our introduction of *Bromus Inermis* has created such a sensation in the farming sections of America as the Siberian Millet. It is, without exception, the heaviest yielding millet in the world, giving several times the yield of any other variety. It has been thoroughly tested in all sections of America and Canada, and the reports from different parts of this country prove that it will in time take the place of all other varieties. Tests show that as high as eight tons of millet have been cut from one acre, and the quality surpasses that of any other variety.

#### A FEW REASONS WHY THE NEW SIBERIAN MILLET IS THE BEST VARIETY EVER INTRODUCED.

1. No other millet equals it in profusion of blades or quality.
2. It is extra early, usually about two or three weeks earlier than the German or Golden.
3. It surpasses every other millet in yield.
4. It makes the best hay, as it produces the greatest profusion of blades, and is unequalled in quality, while the yield is something enormous.
5. It is a Russian variety, consequently very hardy, and possessed of unusually vigorous habit.

We think the above reports will prove that our Siberian Millet is something that no farmer in America can afford to be without. The seed costs more, as it is very scarce at the present time, but the yield is so enormous that the first cost is very small compared with the returns. We want to call particular attention to the fact that our Seed is Northern Grown, and is consequently harder and stronger in growth than that secured from lower latitudes. Lb. 25c, bu. \$1.10, 10 bu. \$1.00 per bu.

**Common Millet.** This has somewhat smaller straw than the German or Golden, and does not grow so heavy. To secure the best results it should be sown on a dry, light soil. Lb. 25c, pk. 30c, bu. 85c, 5 bu. \$4.00, 10 bu. \$7.50.

**German or Golden Millet.** True Southern Grown. No other forage plant ever introduced has had such enormous sales in all parts of the North, South and West as this variety, and very few forage plants can approach it in enormous yield under favorable circumstances. This is a medium early millet, growing from 3 to 5 feet in height, and in good seasons has been known to produce over 5 tons of hay to the acre, and from 70 to 80 bushels of seed. It will grow in almost any soil or climate. Lb. 20c; by freight or express, pk. 40c, bu. \$1.00, 5 bu. \$4.00.

**Hungarian Millet.** Often called Hungarian Grass. In general favor for summer forage purposes, as it can be sown in June as a second crop, and will be ready to cut in 60 days. It will yield 2 or 3 tons of hay per acre. It grows well on light soils, and withstands heat and drought. Lb. 25c, pk. 40c, bu. \$1.00, 5 bu. \$4.50.

**Early Fortune.** A most promising new sort, of which astonishing yields are reported. It is very early, and claimed to be rust proof, and that chinch bugs will not eat the plant. The seed is very beautiful and prolific. Lb. 25c, pk. 40c, bu. \$1.10, bag, 2 1-2 bu. \$2.50.

**Hog Millet.** Grown extensively for fattening hogs. In localities where corn does not flourish there is nothing that will give a better yield than Hog Millet. It grows rapidly and is very productive. Lb. 25c; by express or freight pk. 40c, bu. \$1.10, bag, 2 1-2 bu. \$2.50.

**Japanese Barnyard Millet.** For description see list of specialties.

**IMPORTANT**—The seed we offer is the true Sand Vetch (*Vicia Villosa*). Do not confound this with the Spring Vetch (*Vicia Sativa*) sold by some seedsmen as the Sand Vetch.

**The Wonderful Sand or Winter Vetch.** (*Vicia Villosa*.) (See cut.) Sometimes called the Hairy Vetch. This useful plant is noted for its extreme hardiness and promises to be highly valuable as a cover crop to prevent leaching, as well as for forage and fertilizing purposes. It is an annual, but drops its seeds freely on the same ground. The Washington Department of Agriculture estimates that a sowing made in August or September covers the ground before winter sets in and prevents washing of the soil during the winter and early spring, thus saving a great portion of soluble mineral fertilizers contained in soil, which otherwise would wash or leach out. It can also be sown in April and will be ready to cut by the middle of July, the second growth affording excellent hog pasture during the summer. The yield of green forage varies from 10 to 15 tons per acre, equal to 3 or 4 tons when cured as dried hay. Sow in drills, using 30 lbs. per acre. Lb. 25c, 10 lbs. \$1.25. In lots of 25 pounds or over, by freight or express, 12c per pound.

**Spring Vetches or Tares.** These are a species of pea, and grown extensively and also a most valuable fertilizer. From 50 to 60 lbs. are sown per acre and cultivated the same as field peas. Lb. 25c postpaid; by express or freight, 10 lbs. 75c, 100 lbs. \$6.00.

**Kidney Vetch.** Perennial. Valuable for dry sands or poor soils. Sow 25 lbs to the acre. Lb. 35c; by express or freight, Lb. 25c, 10 lb. \$2.25.

**Mammoth Russian Sunflower.** (See cut.) Single heads measure 15 to 22 inches in diameter, and contain an immense amount of seed, which is highly valued by all farmers and poultry breeders who have tried it as an excellent and cheap food for fowls. It is the best egg producing food known for poultry. It can be raised cheaper than corn, and is destined to be an article of great value as soon as it becomes generally known. Per oz. 5c, per lb. 25c, 3 lbs. 65c, postpaid; by express or freight, 10 lbs. 75c, 100 lbs. \$6.00.





### FOR SHEEP FOOD.

**Dwarf Essex Rape.** (See cut.) The best forage plant for the sheep growers of America. It is highly recommended by Professor Shaw, of the Minnesota Experimental Station, and many other leading authorities on stock feeding. It has yielded ten tons of green forage per acre, and has twice the feeding value of green clover. Sheep, swine, cattle and poultry eat it readily, but it is particularly desirable for sheep on account of its fattening qualities. Rape will do well on almost any soil, but gives best results on corn land. Prof. Shaw says: "On 54 acres of rape, after winter rye had been removed, 537 sheep and lambs were fattened thereon, and 18 steers fed for 59 days. The lowest average gain on lambs fed on rape alone was 7 to 8 pounds per month. Sow it like corn, or broadcast." Price, lb. 25c, postpaid; by freight or express, lb. 15c, 10 lbs. 90c, 50 lbs. \$3.25, 100 lbs. \$6.00.

### IMPORTANT.

OUR STOCK IS THE TRUE DWARF ESSEX RAPE, IMPORTED DIRECT BY US FROM ENGLAND. DO NOT CONFFOUND THIS WITH THE FRENCH OR GERMAN SORTS WHICH CAN BE SOLD AT LESS THAN HALF THE PRICE, BUT WHICH GOES TO SEED QUICKLY AND IS WORTHLESS FOR FORAGE PURPOSES.

### Rape as a Pasture.

Rape is unequalled as a pasture upon it do the harvesting in the most effective manner and with but little cost to the owner. When rape is established as a pasture the necessity for sending sheep and lambs to the market in a lean condition will be removed. Cattle may also be pastured upon rape, but through treading they destroy and waste it in a considerable degree. Because of this it is better to remove them to an adjoining pasture when they have satisfied their wants. The results are usually very satisfactory when they are pastured upon it in the day only, and fed in the stable or shed in the morning before going to the rape pasture. This is an excellent way of making Christmas beef. Rape will keep a long time in early winter in heaps like shocks of hay. When cut and thus put up at the approach of winter, it may be drawn and fed as desired.

### Rape as a Catch Crop.

Rape is particularly adapted for being grown as a catch crop, as, like the turnip, it grows better late rather than earlier in the season. When a grain crop, therefore, has failed from any cause whatsoever, there is ample time to plow the land to sow rape upon it. It may also be sown among corn, just before the last cultivation which is to be given to the corn.

### Minnesota Early Amber Sugar Cane.

(See cut.) All kinds of stock are exceedingly fond of it, and the farmers all over the country are beginning to realize that it is one of the best green fodder plants that can be procured. Its earliness adapts it to almost every section of the country, and its enormous yield, often reaching 20 to 25 bushels of seed, and as high as 150 to 250 gallons of syrup per acre, has made it invaluable for large growers. It is exceedingly difficult to procure pure seed, but we believe that the stock which we have to offer is the best that can be obtained. Lb. 20c, postpaid. By express or freight, lb. 10c, 10 lbs. 50c, 100 lbs. \$3.00.

### Wild Rice.

(See cut.) Valuable as an attraction for wild fowls. Sown in large quantities along the edges of ponds, lakes and streams. It can be successfully sown either in the winter or spring, but often the best results are obtained when sown during the fall months, generally about the middle of September. It grows very rapidly in 1 to 8 feet of water, ripening late in August or early in September. Sow it broadcast from a boat in 2 or 3 feet of water having a mud bottom. In large ponds or lakes it purifies the water. For planting in fish ponds it is equally desirable. It also does well along the shores of marshes, and makes a good hay. Lb. 25c, postpaid; by express or freight, 10 lbs. \$1.25, 100 lbs. \$11.00.

### Branching Doura.

(Yellow Milo Maize) Yields from 6 to 16 stalks from one seed. Being allied to sugarcane, cattle, horses and hogs will eat it readily. The Rural New Yorker says: Though during the severe drought, corn dried up within a few feet of it, the Branching Doura suffered but little, producing from 4 to 12 branches and grew steadily from 6 to 10 feet high. If cut down it starts again with renewed strength. Very productive. Lb. 25c; by express or freight, 10 lbs. 75c, 100 lbs. \$4.50.



**Culture of Rape.** It can be sown in drills far enough apart to cultivate, or broadcast. If sown in drills, but 7 lbs. per acre is necessary. The best way is to sow it broadcast on very clean soil, or to sow it with your spring grain at the rate of 15 lbs. per acre. After the grain is removed it will grow rapidly and form excellent pasturage. If sown without cover of grain it matures more quickly and furnishes pasture sooner. In sowing cover it but one inch deep. It is a great soil enricher, and as it is cheap it would not be amiss to sow in all fields where you intend to plow under in the fall, as rape plowed under enriches the soil quickly.

**Dwarf Essex Rape.** (See cut.) The best sheep growers of America. It is highly recommended by Professor Shaw, of the Minnesota Experimental Station, and many other leading authorities on stock feeding. It has yielded ten tons of green forage per acre, and has twice the feeding value of green clover. Sheep, swine, cattle and poultry eat it readily, but it is particularly desirable for sheep on account of its fattening qualities. Rape will do well on almost any soil, but gives best results on corn land. Prof. Shaw says: "On 54 acres of rape, after winter rye had been removed, 537 sheep and lambs were fattened thereon, and 18 steers fed for 59 days. The lowest average gain on lambs fed on rape alone was 7 to 8 pounds per month. Sow it like corn, or broadcast." Price, lb. 25c, postpaid; by freight or express, lb. 15c, 10 lbs. 90c, 50 lbs. \$3.25, 100 lbs. \$6.00.

### Dwarf Victoria.

A standard sort of German origin, sold by seedsmen in this country, and highly recommended by agriculturists both in Europe and America. In our tests we find that Dwarf Essex will surpass it in its vigor of growth and hardiness. We will furnish Dwarf Victoria Rape at the following prices: By express

or freight, 10 lbs. \$1.00, 100 lbs. \$6.50.

**Teosinte.** (Reana Luxurians.) A wonderfully prolific forage plant which somewhat resembles corn, but the leaves are broader and the stalk contains a large amount of saccharine matter. Its value lies in the fact that it can be cut several times during the season, and when allowed to remain without being cut attains a height of 12 feet. Our experience shows that it is particularly adapted to the middle or southern states. Seeds should be sown after the ground is perfectly warm and the weather settled, at the rate of about 4 pounds per acre. The best plan is to plant in drills, 3 feet apart, putting in 3 seeds about every 12 inches in the drill. 1-4 lb. 35c, lb. \$1.25.

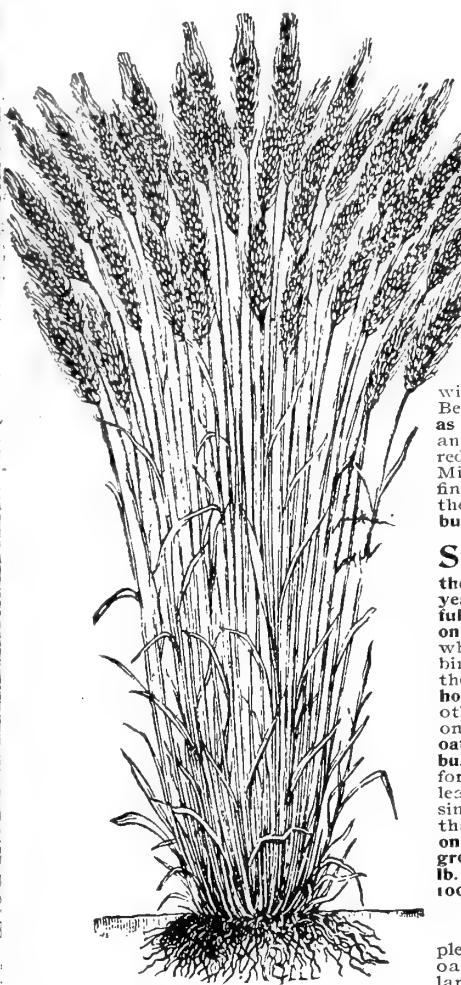
**Giant Spurry.** (Spurri.) ground, and several years' experimenting at the Michigan Agricultural College has proven that it is the only plant which can be grown on poor, sandy dry soil that will surely return a paying yield. Dr. Manley Stiles, of Lansing, Mich., calls it the clover of sandy soils, yielding 7,700 pounds per acre. In another report to the Michigan Agricultural Station he says: The Spurry has shown wonderful productiveness. Its value as a manorial plant on light soils is pronounced. It seems to enrich the soil more rapidly than other plants. It is readily eaten by cows, sheep and cattle. The reports received from parties who have tested Giant Spurry are very gratifying indeed. Everybody pronounces it a tremendous hay producer, and by all odds the best green fertilizer. Lb. 25c postpaid; by express or freight, 10 lbs. (enough for 1 acre) 95c, 50 lbs. \$4.00, 100 lbs. \$6.00.

**CULTURE OF GIANT SPURRY**—It is of very rapid growth and is sown the latter part of March, April or May at the rate of 10 pounds per acre if wanted for hay. The seed is sown broadcast on well prepared soil and covered lightly by harrowing. It germinates quickly, and in from 6 to 8 weeks is ready to cut. It is usually cut for hay the first time, and pastured afterward for the rest of the summer. If wanted as a fertilizer 20 pounds are sown per acre, and when from 15 to 20 inches high, plowed under. Two crops can be plowed under in one year on account of its quick growth.

**Lupins.** One of the best plants known for reclaiming poor and particularly sandy and old worn out land. By plowing in the Lupins such land can be made very valuable. It is so highly valued in Germany that it is called the "Gold of the Desert" or Desert Reclaimer. When dried for fodder it is very good for sheep. Lb. 25c, 10 lbs. 90c, 100 lbs. \$8.00.

**Velvet Bean.** Extensively grown for fertilizing. It is a tremendous grower, very prolific, vines running from 12 to 18 feet long. It is the bean to try everywhere; it no doubt will make as much green herbage as any plant grown. It is new and we would advise every farmer to try it. Valuable for the southern and middle states. Pkt. 10c, Pt. 25c, qt. 35c; by express or freight, pk. 75c, bu. \$2.25.





#### SPELTZ.

the acre. In the green state it makes an excellent pasture. Cut when the grain is past the middle stages of milk, when it will make splendid grain and lots of straw hay of excellent quality. Thresh like wheat, only not so closely. The hull and kernel can then be fed or first ground.

## May's Northern Grown Seed Potatoes.

**Sir Walter Raleigh.** (See cut.) A grand new main crop variety. Of best keeping qualities and rare productiveness. A new white skin main crop potato. It is a splendid new potato, much resembling Rural New Yorker No. 2, of which it is a seedling. It is decidedly better than its parent, the tubers being quite uniform in size, with but few small ones among them. It is from 4 to 6 days later than the parent stock. The color is the same, the skin and flesh being white. In fact it can be justly claimed for Sir Walter Raleigh that it is the whitest fleshed and finest grained potato on the whole list of main crop sorts, not even excepting the snowflakes. It promises to supersede all other sorts of its class on account of its sterling excellence. On the grounds of the Rural New Yorker it proved the best and heaviest cropper of 49 varieties. Farmers who plant this sort are practically certain of getting big returns on their investment, as it invariably yields big crops and the potatoes always bring a good price on the market. Lb. 25c, 3 lbs. 70c, pk. 65c, bu. \$2.25, bbl. 2 3-4 bu., \$5.00.

**Commercial.** In yield and all other meritorious points it is evidently going to rank with the best, if not to distance all the other early main crop sorts. The tubers are of beautiful shape and appearance, being oblong and rather broad and thick. The eyes are shallow. The color is that peculiar russet which characterizes all the best potatoes, in addition to which the pink or rosy hue of its parent (Early Rose) is clearly visible, giving it a most attractive appearance. It somewhat resembles Carmen No. 3 in shape. The vine is robust, but compact, not of spreading habit. This is favorable to close planting and large crops. The quick growth and early maturity of this splendid main crop potato, will admit it to many localities where late sorts have not time to mature on account of shortness of season. Lb. 25c, 3 lbs. 70c, pk. 60c, bu. \$2.00, bbl. of 2 3-4 bu., \$5.00.

**Soja Bean.** (GLYCINE HISPIDA.) (See cut.) The Soja Bean is fast coming to the front as a great soil enricher and as a food for fattening hogs and cattle, both in the green and dry state. It is an annual, stem stout, erect, branching but little; 2 to 4 feet, flowers in clusters, pods short, 2 to 4 seeded. The crop is cultivated like corn, the seed being planted in drills at the rate of half bushel per acre. The stems are too coarse to make good hay, but are covered with such a dense growth of leaves, and are so prolific in fruit that the hay is prized highly for milk cows and fattening animals. The yield of green forage is very heavy when grown on good soil, and the yield of beans is from 20 to 30 bushels per acre. Those who have had the most experience with this crop find that the best way to handle it is to cut or pull the plants when the first pods begin to open, and thresh as soon as dry enough. In this way the coarse stalks are so broken in pieces and mixed with the leaves that nearly all will be eaten. The Soja Bean is an annual, and is grown for the same purposes as Cow Peas and Clover. As a soil renovator, as a hay and as ensilage it is nearly the equal in every respect of red clover. Also grown as a substitute for coffee. Mixed with an equal quantity of good coffee it is very fine. The cost of growing is only a small fraction of the cost of real coffee. Pkt. 10c, pt. 20c, qt. 35c, pk. 75c, bu. \$2.50.

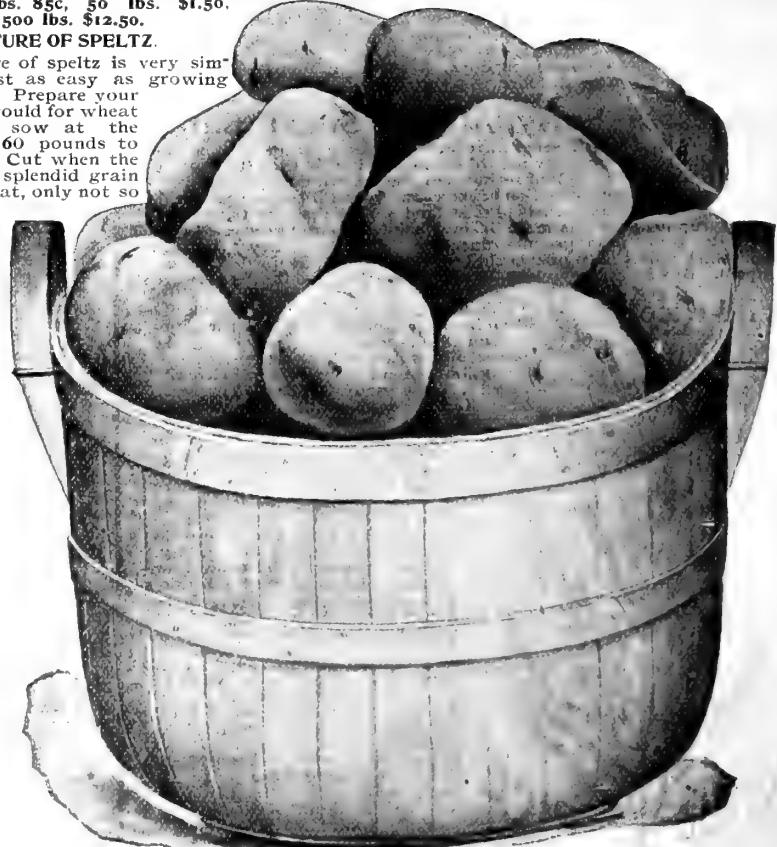
**Speltz.** (See cut.) The wonderful Grain from Russia. Russia has given us *Bromus Inermis*, the most notable addition to our list of grasses in many years. She has come to the front with a grain which is fully demonstrated to be of extraordinary value for growth on poor soils and in drouthy sections. It is neither wheat, rye nor barley, and yet it appears to be a combination of these. It is more like wheat than any of the others mentioned. For fattening cattle, poultry, horses, sheep, pigs, etc., it is claimed to be ahead of other grains, in fact all kinds of animals seem to thrive on it. Speltz is claimed to be ahead of corn, superior to oats and more profitable than wheat. Yields 80 to 100 bushels of richer food than corn, besides giving as much as 4 tons of good hay per acre. Excellent for pasture and can also be fed in the green state. As a green grass hay food it often gives 100 leafy stalks from one seed, which shows its heavy stooling properties. The heads are somewhat similar to two rowed barley, the spikelets being separated from each other in such a manner that the crop is not easily injured by the weather. Will grow well and produce enormous crops on poor soil. Dry weather appears to have no effect on it. It is a wonderful stooler and a robust grower. Every farmer should grow it. Sow at the rate of 50 to 60 pounds per acre. Pkt. 10c, lb. 25c, 25 lbs. 85c, 50 lbs. \$1.50, 100 lbs. \$2.60, 500 lbs. \$12.50.

#### CULTURE OF SPELTZ.

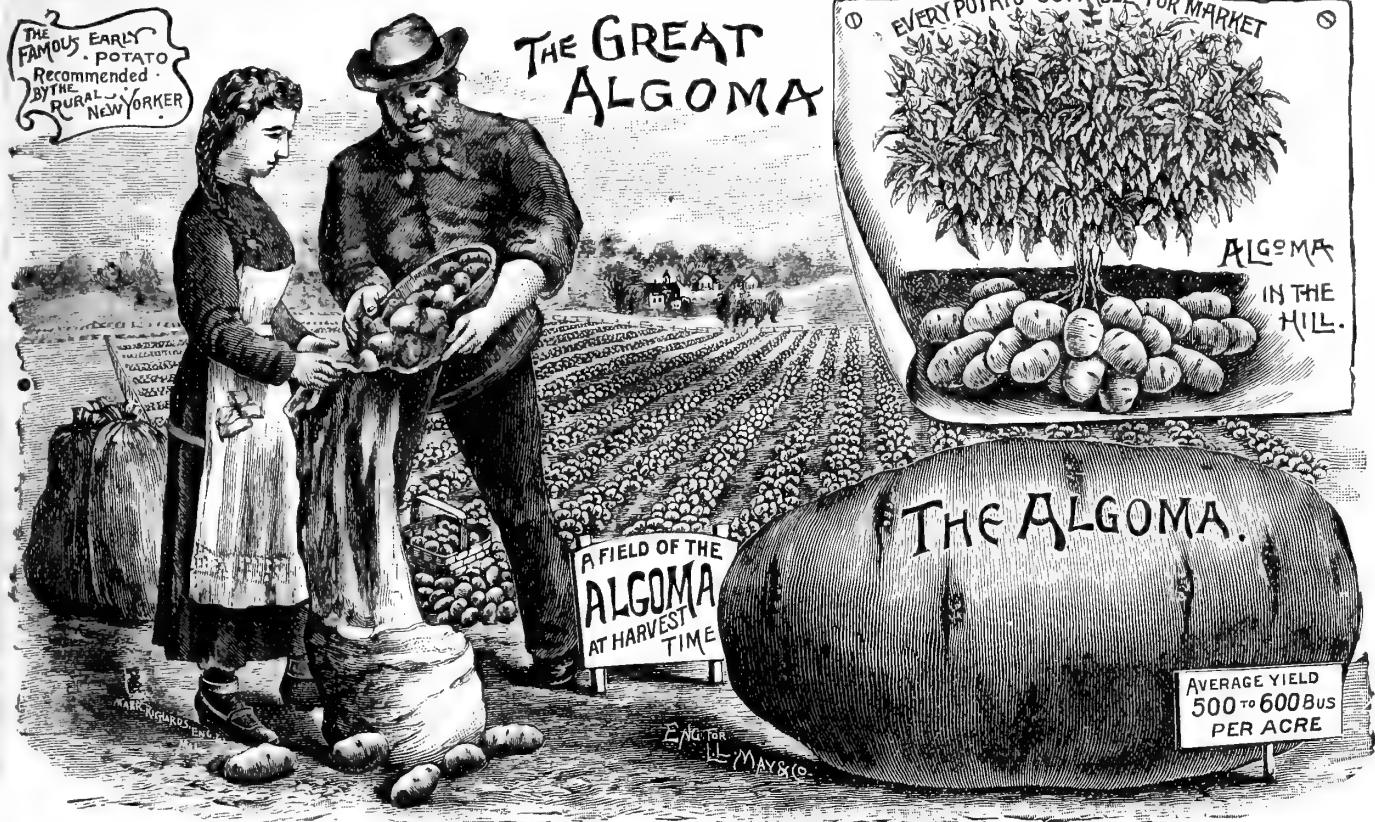
The culture of speltz is very simple. It is just as easy as growing oats or corn. Prepare your land as you would for wheat or oats, and sow at the rate of 50 to 60 pounds to



#### SOJA BEAN.



SIR WALTER RALEIGH.



Prices quoted by the pound include the prepayment of postage by us. In comparing prices on potatoes by the peck, bushel or barrel, remember we make no charge for bags, boxes, barrels or cartage but deliver free to any railroad station in St. Paul.

#### AN AGRICULTURAL WONDER.

#### THE ALGOMA POTATO.

EXTRA EARLY.  
FINE SHAPE.  
ENORMOUS YIELDS.

A new Potato that is certain to take the lead with growers who desire a first class early variety that is productive and sure to yield a good crop even in the most unfavorable seasons. Market gardeners and all others who grow potatoes cannot afford to overlook this wonderful variety. Its certainty to produce a big crop, fine appearance and enormous yield have called forth a testimonial from some of the most experienced potato growers in America. "The Rural New Yorker," the great agricultural paper of the East, says: "From time to time we have dug a hill of the varieties that claim to be the earliest now on trial on the Rural grounds. Thus far Algoma from L. L. May & Co., of St. Paul, Minn., has given the best yield. It is a most shapely potato, being smooth, oblong and slightly flattened."

S. RICE, Bear Lake, Mich., writes: "Am very much pleased with your Algoma." J. C. HUSKINS, Avoca, Ark., writes: "Your Algomas are A No. 1. A fine potato." M. C. HULL, Lebanon, Mo., says: "I just dug one hill of Algomas containing twenty potatoes."

Lb. 30c, 3 lbs. 75c, pk. 75c, bu. \$2.50, bbl. (2 3-4 bu.) \$6.00.

**Astonisher.** This grand new potato has a handsome russet skin, is oval in shape, and of a very pleasing appearance. The table quality is perfect. The vine is strong, foliage dark green. It is a heavy cropper, the tubers are extremely sound and firm with good keeping qualities. This potato has but lately been put on the market, and has made some famous records for yields, and could well be called "All Seasons" as it is good for summer, fall or winter. It will keep in fine condition until late in the spring. It is a very handsome sort having a pink, russet skin and is a very strong grower. Those who have grown it say, it cannot be praised too highly. It is one of the best cooking or baking potatoes, the flavor being excellent. Those who failed to plant it in 1901, should not fail to do so this spring. Lb. 30c, 3 lbs. 75c, pk. 75c, bu. \$2.25, bbl. (2 3-4 bu.) \$5.50.

**Early Fortune.** A strong grower. In form and color quality it surpasses it. The quality, shape and color are of the best. We have raised this potato ourselves on a large scale, and found it to be a very early sort, and a splendid cropper. Our customers can make no mistake by planting the Early Fortune. Lb. 30c, 3 lbs. 75c, pk. 65c, bu. \$2.00, bbl. (2 3-4 bu.) \$5.00.

**Early Harvest.** A beautiful oblong, early potato, of the greatest vigor and a heavy yielder. For an early potato, this has no superior. Resembling somewhat the Polaris, but much more vigorous and productive, and of the very best quality. Lb. 30c, 3 lbs. 75c, pk. 65c, bu. \$2.00, bbl. (2 3-4 bu.) \$5.00.

**Early Ohio.** It is so well known as to need hardly any description. It is very early and is always fit for use before fully ripe. Many growers consider it the most profitable variety. Our stock is carefully grown, and selected, the result of 20 years work, of one of the most noted potato growers in America. Lb. 30c, 3 lbs. 75c, pk. 50c, bu. \$1.75, bbl. (2 3-4 bu.) \$4.50.

#### NORTHERN GROWN SEED POTATOES.

Our potato farms at Mayfield being the most extensive in the Northwest, situated in Washington County, one of the most fertile spots of Minnesota and where the soil is most conducive to the successful cultivation, we supply our customers with stocks such as few Seedsmen are in a position to do. Our large storage cellars gives us special facilities for handling and storing our stocks.

We have for years made a specialty of potato growing and have introduced several new varieties of great merit, such as Algoma, Great Northern and many others. This year our introduction is the Netted Gem, (the Great Montana Seedling, for description see page 3), which we feel eclipses all other varieties of late introduction. Our extensive experiments have lead us to select stocks of extraordinary quality and our patrons can be assured that if early, medium or late sorts are required they will receive same true to name.

We ask a careful perusal of our list, and our prices will be found low considering the quality and variety.

order early. Lb. 30c, 3 lbs. 75c, pk. 65c, bu. \$2.00, bbl. (2 3-4 bu.) \$5.00.

**May's Late.** One of the best for general crop. Vines of vigorous growth. Tubers of uniform size; the most profitable late potato that can be grown. Lb. 30c, 3 lbs. 75c, pk. 65c, bu. \$2.00 Bbl. (2 3-4 bu.) \$5.00.

**Pingree.** A fine table, and long keeping potato for main crop. The tubers are bunched closely in growing, are of a bright, light russet color, flesh snowy white when cooked, is of excellent quality and yields abundantly. Lb. 30c, 3 lbs. 75c, pk. 65c, bu. \$2.00, bbl. (2 3-4 bu.) \$5.00.

**Vigorosa.** A fine potato, not as early but equal to early Ohio in quality. In yield it is as satisfactory as the main crop varieties, and is a handsome and salable market sort. Its name was suggested by its wonderfully vigorous habit of growth. Our personal experience on our trial grounds at Mayfield, induces us to safely recommend it as a variety worthy of a place in your garden. Lb. 30c, 3 lbs. 75c, pk. 65c, bu. \$2.00, Bbl. (2 3-4 bu.) \$5.00.

SPECIAL

## Flower Seeds

## A WORD ABOUT OUR FLOWER SEEDS.

All flower seeds sent free by mail on receipt of price. Full cultural directions are given on back of each package, and if such instructions are followed out, success is certain.

After many years experience in growing and handling flower seeds, in which time we have tested thousands of varieties, discarding a great many as worthless, we present herewith a list of choice varieties such as we know are of easy culture and well fitted for successful cultivation by amateurs. Each year we add new varieties and discard old ones, and by this selection keep constantly before our customers choice stocks. **Our seeds are all tested** and we are positive that none but those of high germinating qualities go to our patrons.

For the information and guidance of our customers we have plainly marked the class to which each variety belongs, so that at a glance any one can tell whether they are annuals, biennials or perennials.

**Annuals** bloom and die the first season from seed. **Biennials** are varieties which produce leaves the first year and bloom the following season; however, a large number, if the seed is sown early, will produce an abundance of flowers the first season. **Perennials** are varieties that last year after year and blossom annually.

**CULTURAL SUGGESTIONS.** In following closely the brief hints given below on sowing and cultivating flowers, amateurs cannot but succeed well in raising flowers from our seeds and to their entire satisfaction. One thing must always stand predominant in the minds of those who really want to be successful in their efforts to raise flowers, viz: the fact that all flower seeds must be carefully treated according to the condition of their nature; if this principle is rigidly adhered to, success will be assured.

## READ THIS!

PURCHASERS remitting \$1.00 may select flower seeds in packets at catalogue prices amounting to \$1.30  
 PURCHASERS remitting \$2.00 may select flower seeds in packets at catalogue prices amounting to \$2.60  
 PURCHASERS remitting \$3.00 may select flower seeds in packets at catalogue prices amounting to \$3.90  
 PURCHASERS remitting \$4.00 may select flower seeds in packets at catalogue prices amounting to \$5.20

••••• This discount does not apply to any of our Special Offers.

**ABRONIA.** (Sand Verbena.) **Annual.** Pretty trailing plants producing clusters of sweet scented Verbena like flowers especially fragrant \$

**Pkt** toward evening and lasting in bloom a long time.

**Arenaria.** Yellow.....

**.05**

**Umbellata.** Rosy lilac, with white eye.....

**.05**

**ABUTILON.** (Chinese Bell-Flower, or Flowering Maple.) **Tender**

**Perennial.** Elegant flowering shrubs of strong growth and easy cultivation, free-flowering, with various colored, beautiful, drooping, bell-shaped flowers.

**Fine Mixed.** Of choice varieties and colors.....

**.15**

**Boule de Neige.** Pure white.....

**.25**

**ACANTHUS LATIFOLIUS.** **Hardy Perennial.** Fine stately foliage

plants with broad, ornamental leaves, and long spikes of bloom.....

**ACHILLEA.** (Sneezewort.) **Hardy Perennial.** Double white flowers

borne profusely during the summer.....

**ACONITUM, NAPELLUS.** (Monk's Hood's or Wolfsbane.) **Hardy**

**Perennial.** Spikes of curiously shaped white and blue flowers.....

**ACROCLINIUM.** **Annual.** Lovely white or rosy-pink flowers, which,

in the bud state, can be dried and used in winter bouquets.

**Album.** White.....

**.10**

**Roseum.** Bright rose.....

**.05**

**Mixed.** All colors .....

**.05**

**ADLUMIA CIRRHOSEA.** (Mountain Fringe, Allegheny Vine, or Climbing Fumitory.) **Hardy Perennial.** A graceful climber, with feathery foliage.

The flowers are tube-shaped, and flesh colored.....

**.10**

**ADONIS.** (Pheasant's Eye.) With pretty, fine-cut foliage, and dark crimson flowers, with a light center.....

**.05**

**Aestivalis.** **Annual.** Scarlet blossoms.....

**.05**

**Vernalis.** **Perennials.** Fine yellow blossoms.....

**.05**

**ALONSOA.** (Mask Flower.) Handsome bedding plants, producing scarlet and white flowers in great profusion.....

**.05**

**ANEMONE.** (Windflower.) **Hardy Perennial.** Hardy, flowering plant, easily grown from seed.

**Coronaria.** Poppy Anemone. Mixed all colors.....

**.05**

**Japonica.** Mixed all colors.....

**.05**

**St. Brigid.** A beautiful variety, producing single, semi-double and double flowers in an endless variety of colors, measuring from 3 to 5 inches in diameter.....

**.10**

**Sylvestris.** White. Very beautiful.....

**.10**

**The Soil.** This is one of the most important things to be considered and strict attention should be paid to its preparation. For flowers a light loam is best adapted mixed with a small proportion of sand, sufficient to render it porous; it should be deeply dug and thoroughly pulverized, fertilizing it with an abundance of well-rooted manure, according to the character of the plant to be raised, some doing better in poorer soil, but for the general run of flowers, well tilled and well manured soil brings the best results.

**Sowing.** Too much attention cannot be paid to sowing seeds with proper care, for herein, in a great many cases, lies the secret of the successful gardener. Too light or too heavy a covering of seeds often produces the most disastrous results. For example: a customer of ours complained that his Lobelia seed failed to make even an appearance of growth; upon inquiry we found that he had sown and covered it with two inches of soil; we pointed out his error, and gave him more seed, instructing him to scatter it merely on top of the soil, and to press smooth with some flat instrument. The result was just exactly what we expected. He wrote, stating that he never had such a fine growth in anything before. A simple rule to follow is, never sow fine seed deeper than half an inch; extra fine seed on surface only, pressing the soil firmly; coarse, heavy seed from one to two inches; water lightly and often, until the seeds are started, then night and morning will be sufficient.

**Transplanting.** To procure strong and healthy plants, transplanting is a process which should never be neglected. It gives the plant strength, symmetry and beauty, and renews its life to a marked degree. Transplant from seed bed when plants are two inches high, into pots, boxes or whatever place intended; if the plants seem to go back, and wither a little, don't think they are about to die; it is only the homesickness of a young life leaving the place of birth. A few days will suffice for them to lift their heads, when attention and due care will do the rest.

flower seeds in packets at catalogue prices amounting to \$1.30  
 flower seeds in packets at catalogue prices amounting to \$2.60  
 flower seeds in packets at catalogue prices amounting to \$3.90  
 flower seeds in packets at catalogue prices amounting to \$5.20

**AGERATUM.** (Floss Flower.) **Annual.** Free blooming annuals

bearing clusters of round, tassel-like flowers in great abundance. \$

**Blue, pkt. 5c; White, pkt. 5c; Lasseaux, Rose, pkt. 5c; Mixed, pkt. 5c.**

**AGROSTEMMA.** (Rose of Heaven.) **Annual.** Popular flowers

growing about 15 or 18 inches in height. Colors range from

crimson and deep rose through the shades of pink to almost white.

Mixed colors.....

**.05**

**ALYSSUM.** **Annual.** Pretty little plants for beds, vases, baskets,

edgings or rock-work.

**Little Beauty.** (See cut). Of dwarf, compact habit, seldom at

taing a height of over 8 inches, and literally covered with pure

white blossoms.....

**.10**

**Sweet Scented.** The well known common variety.....

**.05**

**AMARANTHUS.** **Annual.** Very stately upright-growing orna-

mental plants.

**Caudatus.** (Love Lies Bleeding.) Blood-red, drooping; 3 feet.....

**.05**

**Salicifolius.** (Fountain Plant.) Of pyramidal, drooping habit.

branching close to the ground.....

**.05**

**Tricolor.** (Joseph's Coat.) Leaves red, yellow and green; 3 feet...

**.05**

**Tricolor Splendens.** An improvement on the old sort, of more

brilliant coloring; a beautiful ornamental plant.....

**.05**

**Mixed.** All the above and many others.....

**.05**

**AMPELOPSIS VEITCHI.** (Japan or Boston Ivy.) **Perennial.** A

valuable hardy climber.....

**.10**

**AUCHUSA CAPENSIS.** (African Forget-me-not.) **Annual.**

Introduced into this country from South Africa, and resembles

greatly in shape and color of flower our well known Forget-me-not.

**.10**

**ANTIRRHINUM.** (Snap Dragon.) **Annual.** Very showy flowers

in spikes, in various colors, and very fragrant.

**SUNRISE.** (See cut). Very showy flowers in spikes, in various

colors, and very fragrant.

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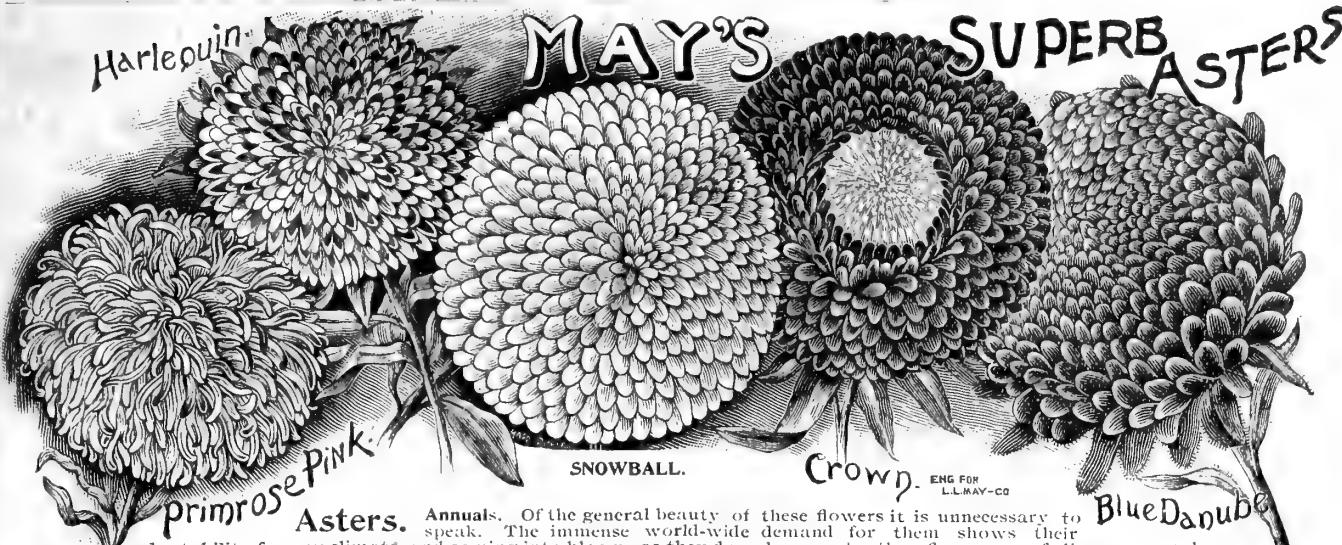
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**ANTIRRHINUM.** (Snap Dragon.) **Annual.** Very showy flowers

in spikes, in



**Asters.** *Annuals.* Of the general beauty of these flowers it is unnecessary to speak. The immense world-wide demand for them shows their adaptability for any climate, and coming into bloom, as they do, when most other flowers are fading away, enhances their value. For the best results the ground for the cultivation of Asters cannot be too richly prepared, although they will give satisfactory returns on any ordinary garden soil.

### MAY'S SUPERB COLLECTION.

**BLUE DANUBE.** (See cut.) Large incurved blooms of a beautiful light blue color. The plants are strong growers, and produce flowers in the greatest profusion. Pkt. \$15

**CROWN OR COCARDEAU.** (See cut.) A most beautiful dwarf growing variety, the blossoms all being distinguished by a pure white center. Mixed colors. Pkt. \$10

**HARLEQUIN.** (See cut.) A gaily colored variety with exceedingly bright and showy blossoms, blotched and marked in infinite variety. Pkt. \$10

**PRIMROSE PINK.** (See cut.) Petals long and curiously twisted, cut and intertwined like a Japanese Chrysanthemum. Color a delicate shade of pink. Pkt. \$15

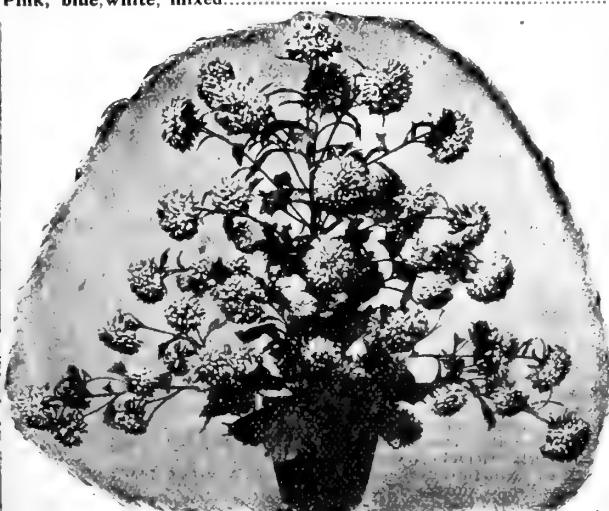
**SNOWBALL.** (See cut.) The plant is of upright, bushy, healthy habit, growing about fifteen inches high, and producing in the greatest abundance pure white, ball shaped blossoms. Fine for growing in beds or for pot culture. Pkt. \$15

**The above collection of 5 choice sorts for 50c.**

**COMET-FLOWERED LADY ASTER.** (See cut.) A splendid new variety, being quite distinct, with its long, narrow leaves and its great profusion of bloom. The flowers are of large size, the petals being long and narrow, the flower stalk tall and graceful. One of the finest of recent introductions. Pkt. \$15

**CHRISTMAS TREE ASTER.** (See cut.) On account of its branching habit, resembling the regular arrangement of the twigs on a fir tree, this aster is certainly the most striking and beautiful of all the many varieties now in existence. The branches stand horizontally, and in this respect the plant differs from all existing types of asters. It comes into blossom very early and is the most profuse bloomer ever introduced, it being no uncommon sight to see small plants with from 75 to 150 well developed flowers, of which one always appears at the end of each stem. Besides this, every flower stem bears a great number of small buds all down the stalk, which make very nice boutonnieres. This effective aster is therefore just as fit as a single plant in beds as for pot culture and also very useful for other purposes. Mixed colors. Pkt. \$10

**GERMAN GLOBE ASTERS.** A beautiful class with large globe-shaped blossoms of various shades. Desirable for amateurs. Pink, blue, white, mixed. Pkt. \$05



CHRISTMAS TREE ASTER.

**GLOBE PAEONY FLOWERED.** Very early, blossoms of immense size. Mixed colors. Pkt. \$10

**BENARY'S GOLIATH ASTERS.** These famous asters we have secured direct from Ernst Benary, Erfurt, Germany, and they are without doubt the largest of this class. Mt. Blanc, pure white, Mt. Rose, rosy pink. Pkt. \$10

**IMBRIQUE POMPON.** Large flowers of perfect form and finely imbricated. They are of dwarf bushy habit and very free flowering. White, rose, violet, mixed. Pkt. \$10

**LILLIPUTIAN WHITE.** An extremely fine flowering variety of pyramidal habit of growth. Flowers small, very double, pure white, and very fine for bouquets. Pkt. \$10

**MIGNON.** A fine new class. The plants are semi-dwarf, and bear 40 to 50 beautifully shaped very double flowers, with deeply imbricated petals borne with an indescribable grace. White, light blue, peach blossom, mixed. Pkt. \$10

**DWARF PYRAMIDAL BOUQUET.** Pretty class, very profuse, producing 20 to 50 heads of bloom; grows 1 foot high. Mixed colors. Pkt. \$10

**QUILLED ASTERS.** Quill shaped petals bunched in a dense mass and bordered by a row of ordinary shaped petals. Blue, pink, white, sulphur yellow, mixed all colors. Pkt. \$05

**QUEEN OF THE MARKET.** Blooms 3 weeks earlier than other asters; of branching habit and fine for growing under glass. White, purple, light blue, pink, crimson, mixed. Pkt. \$10

**SIMPLY'S BRANCHING.** The plants are of branching habit, producing from 10 to 20 perfect flowers from 4 to 6 inches in diameter. White, rose, light blue, crimson, purple, shell pink, mixed. Pkt. \$10

**TALL CHRYSANTHEMUM WHITE.** Finelarge blooms of a pure white. Pkt. \$10

**TRUFFAUT'S PAEONY-FLOWERED PERFECTION.** Beautiful flowers, petals long; brilliant in color and unsurpassed in habit of plant. Mixed. Pkt. \$10

**VICTORIA ASTERS.** Probably the handsomest varieties, taken all in all, for size, color and profusion of bloom. The colors include many extremely delicate and some gorgeous shades; flowers very double and 4 inches across, from 20 to 40 on a plant; height 15 to 18 inches. Finest mixed colors. White, scarlet, sky blue, peach blossom, pink, white tinted rose. Pkt. \$10

**Collection of above 5 Victoria Asters.** Pkt. \$05

**FIRE KING.** Flowers of an enormous size, a rich shade of deep crimson, and often measure as much as 5 inches in diameter. They are of perfect form, the petals deep, heavy and slightly incurved. Pkt. \$15

**MAY'S ROYAL MIXED ASTERS.** This includes about 20 of the best flowering varieties and will make a magnificent display and furnish an endless assortment of shades and types. Pkt. \$15

**ANTIRRHINUM.** (Snapdragon.) Perennial. One of our most showy and useful border plants.

**COLLECTION OF BEST NAMED TALL VARIETIES.**

1. **Tom Thumb.** Mixed. Fine selection. Pkt. \$c.
2. **Tall.** Mixed. Choice. Pkt. \$c.
3. **Grandiflora.** Mixed; see specialties.

**SUNRISE.** (See cut.) The most beautiful, dwarf growing bushy, variety ever introduced. Flowers are a handsome shade of yellow and produced in great profusion the entire season. It is not only desirable for beds and groups, but also for pot culture, the charming bright blossoms and upright habit of the plant making it very desirable for this purpose. (Pkt. \$0c.)



COMET-FLOWERED LADY ASTER.



LITTLE GEM PINK.

**ASPARAGUS** (Tender Perennial.) These have the graceful Pkt featherly foliage of the common garden variety, but of a climbing \$ habit, rendering them valuable for decorative purposes.

**Plumosus Nanus.** Lace Fern.....  
Sprengeri. Emerald Feather.....

**Verticillatus.** Hardy with slight protection.....

**ANTIGONON.** (Mexican Mountain Rose.) Annual. Flowers, which are of rich carmine scarlet shade, are borne in great clusters the entire length of the vine. It is a beautiful and rapid growing climber and valuable alike for the shade it affords and the blossoms it produces.....

**AQUILEGIA.** (Columbine.) Hardy Perennial. Charming, hardy plants growing from 1 to 3 feet high, bearing in countless numbers through May and June their exquisite blossoms of clear blue, white, rose, yellow, purple striped, etc.

1. **Chrysanthia.** (Golden Spurred.) Bright golden yellow; 3 feet high.....

2. **Chrysanthia Alba.** (White Spurred.) A beautiful pure white variety.....

3. **Coerulea.** (Rocky Mountain Columbine.) Violet blue and white; 2 feet.....

4. **Glandulosa.** Lovely shade of light blue and pure white; 2 feet.....

5. **Single.** All colors mixed; 2 feet.....

6. **Double.** All colors mixed.....

**ARABIS ALPINA.** (Rock Cress.) Hardy Perennial. The earliest, prettiest spring flower. The spreading tufts are densely clothed with neat, bright leaves and covered with a sheet of pure white flowers as soon as the snow disappears.....

**ARGEMONE GRANDIFLORA.** (Prickly Poppy.) Annual. Remarkably distinct plants, both in flower and foliage. Their large, white, poppy-like flowers are effective in the border.....

**ARNEbia CORNUTA.** Annual. It blooms with profusion the whole summer. Beautiful flowers,  $\frac{3}{4}$  of an inch across, of a rich primrose yellow, marked with 5 black spots; the spots change on the second day to a rich maroon, and on the third day vanish, leaving the flower a clear, bright yellow.....

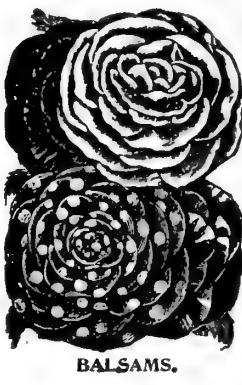
**ARISTOLOCHIA SIPHO.** (Dutchman's Pipe.) Perennial. One of the hardiest and best climbers, with large, heart-shaped leaves. **BALSAMS.** (Lady's Slipper.) Annual An old and favorite garden flower, producing its gorgeous masses of beautiful, brilliant colored double flowers in the greatest profusion; of easy culture; succeeds in a good, rich soil.

**Double Camelia Flowered.** Finest mixed.....

**Soferrino.** Spotted red and white. Very showy.....

**Rose.** Beautiful pink shaded to rose.....

**White Perfection.** The largest flowering white.....



BALSAMS.

CALLOPSIS,  
GOLDEN  
WAVE

**Maiden's Blush.** Pink.....  
Scarlet. Handsome shade

of rich scarlet. Brilliant.....  
Mixed. This mixture includes many choice varieties and will furnish a charming display.....

**Imperial Mixed.** In this mixture will be found all the latest varieties in this class of flowers. Blossoms are extra large and of the most beautiful shades imaginable. Our imperial strain we obtained from a leading flower seed specialist in Europe, and we believe will produce more double blossoms than any other strain ever offered.....

**BALLOON VINE.** (Love in a Puff.) Annual. A rapid growing climber; flowers white; seed vessels look like miniature balloons.....

**BAPTISIA AUSTRALIS.** (False Indigo.) Hardy Perennial. A beautiful herbaceous plant, producing pea-shaped flowers.....

**BARTONIA AUREA.** Annual. Produces showy golden yellow flowers above its gray and downy thistle-like foliage.....

**BEGONIA.** Tender perennial. A beautiful tribe of plants, resplendent during the summer with their flowers of various shades of scarlet, crimson, rose, etc., and continuing in bloom until frost.....

**Giant Flowering Mixed.** Our choicest seed.....

**Vernon.** A grand bedding variety.....

**Tuberous Rooted.** Single flowering mixed.....

**Tuberous Rooted.** Double flowering mixed.....

**Tuberous Rooted.** Single and double mixed.....

**Rex Hybrida.** Variegated foliage for pot culture.....

**BIDENS ATROSANGUINEUS.** (Dahlia Zimpani.) Annual. Handsome, rapid growing plants with beautiful, dark purplish crimson blossoms that are freely produced during the late summer months.....

**BIGNONIA GRANDIFLORA.** (Trumpet Creeper.) Hardy Perennial. A climber of rapid and luxuriant growth; handsome, large clusters of orange red flowers.....

**BRIZA MAXIMA.** Annual. This is one of the most beautiful and ornamental grasses and very desirable for making into wreaths, etc.....

**BROWALLIA.** (Amethyst.) Annuals. Handsome annuals, with flowers completely studding the bushy plants during the summer.....

**Mixed Colors.**.....

**Speciosa Major.** Individual flowers are fully 1 inch across, of rich indigo blue; plant 1 foot high; bushy.....

**Jamesoni.** Large, yellow blossoms.....

**BYRONOPSIS.** Annual. A beautiful summer climber, with palmate leaves. Its yellow flowers are followed by pretty, cherry-like, green fruits, which change to bright scarlet marbled with white.....

**CENTAUREA MARGUERITE.** Annual. Distinct from all other Centaureas and undoubtedly one of the most beautiful flowers of late introduction. The plants are easily raised from seed, and grow to a height of from 15 to 18 inches. The charming white flowers are produced on long stems and are very desirable for bouquets, etc., as

they will keep for quite a while after being cut. We offer seed imported direct by ourselves from Europe where this variety originated.....

**MARGUERITE CARNATIONS.** (See cut.) Tender perennial. These are deservedly the most popular carnations with the amateur, as they begin flowering in a few weeks from time of sowing. The strain offered is semi-dwarf, robust habit, requiring no artificial support, and produces on long, strong stems an abundance of large, double, beautifully fringed, highly scented flowers.

**Mixed colors.**.....

**CALIOPSIS.** Annual. These beautiful "Bright Eyes" are showy summer bedding annuals with large, bright flowers borne in great profusion all summer long.

**Golden Wave.** (See cut.) A most beautiful and showy plant, producing its deeply fringed golden-yellow flowers in the greatest profusion the entire summer. It is a flower that is sure to please everyone with its rapid growth, bright, showy blossoms and abundance of bloom. We cannot too highly recommend this little beauty to our friends.....

**Crimson Beauty.**.....

**Single Mixed, Double Mixed.**.....

**GIANT GOLDEN COREOPSIS.** A graceful and profuse blooming plant with strikingly beautiful flowers of a rich golden color.....

**CACALIA.** (Tassel Flower.) Annual. A beautiful annual with tassel-like blossoms.....

**CALENDULA.** (Pot Marigold.) Annual. Showy, free flowering hardy annuals, growing in any good garden soil, producing a fine effect in beds or mixed borders, and continuing in bloom until killed by frost.....

**Meteor.** Large, double yellow, striped with orange.....

**Prince of Orange.** Resembles Meteor, but is much darker.....

**Mixed.**.....

**CALLIRHOE PEDATA.** (Poppy Mallow.) Annual. This grows to a height of 15

or 18 inches, and produces charming, richly colored purple blossoms with a distinct white eye.....

**CANARY BIRD FLOWER.** Annual. A desirable climber of rapid growth.....

**CANNAS NAMED VARIETIES.** These were gathered from our Canna field at Mayfield farm and are collected from the choicest named varieties. As a rule the seed from best named sorts produce varieties similar to the parent plant.....

**CALCEOLARIA.** Tender perennial. A most beautiful class of plants with curiously formed, delicate-

ly shaded blossoms. **Common Mixed.** 15c. **Hybrida Grand Mixed.** 25c.

**CAMPANULA.** (Cantربury Bells.) Biennial. Beautiful little plants bearing a great profusion of bell shaped flowers, in all the various shades of blue, purple, lilac and white.

**Double Mixed, Single Mixed.** 15c. 25c.



MARGUERITE CARNATION.



FLOWER THE FIRST YEAR  
FROM SEED

**LITTLE GEM PINK.** (See cut.) Next to the Marguerite Carnations this is one of the greatest novelties ever introduced. The \$ plants grow rapidly and bloom in a very short time from seed. It is of dwarf habit, seldom attaining a height of over 6 inches. The flowers are produced in great abundance and are of the most beautiful shades imaginable, being a combination of wine red, suffused and veined with rosy carmine, each flower being broadly margined with white.....

**CANDYTUFT.** Annual. One of the most free flowering annuals that can be grown.

**Snowball.** Remarkable for the mammoth size of its flowers and freedom of bloom, the entire plant being covered with snowy white blossoms for several months during the summer.....

**Lilac Queen, Mixed, all colors.**.....

**Crimson King.** Beautiful shade of deep crimson.....

**White Spiral** Pure white which grows in the form of a pyramid

**Fragrant.**.....

**Empress.** A variety bearing immense trusses of beautiful, pure white blossoms.....

**CSSIA CHAMAECRISTY.** (Touch-Me-Not.) Annual. The plant grows from 12 to 18 inches in height, with leaves which are sensitive to touch, drooping and folding together. The flowers are of a canary yellow, two of the petals being purple spotted at the base.....

**CBLOSIA.** (Cockscomb.) Hardy annual. Magnificent free flowering, graceful growing plants, producing in the greatest profusion spikes of the most beautiful feathery flowers.....

**Glasgow Prize.** Very dwarf, immense crimson combs.....

**Dwarf Mixed.** All colors.....

**Choice Mixed.** Tall and dwarf, all colors.....

**Plumosus o. Ostrich Feathered.** Charming plants for house decoration as well as for flowering in open ground. The spikes of flowers are borne upright and of a plume shape.....

**Yellow Plume.** This is a highly ornamental plant with large heads of a rich golden color.....

**CENTAUREA.** Dusty Miller Varieties. Tender perennials. Silvery foliage dwarf plants, fine for bedding, vases, hanging baskets and pots, also extensively used for beds and margins. Sow the seed from December to April.....

**Candidissima.** Silvery leafed plants for beds, vases, baskets and pots.....

**Gymnocarpa.** A graceful, silvery leafed variety for bedding or pot culture.....

**CENTAUREA CYANUS.** (Corn Flower, Blue Bottle, Ragged Sailor, blue, rose, red, mixed.).....

**CENTRANTHUS.** Annual. Produces clusters of rose tinted and forming a compact mass of bloom and making a handsome display tember. Mixed Varieties.....

**CHRYSANTHEMUMS.** Lord Beaconsfield. (See cut.) Rich crimson striped and edged with gold, and remarkably showy.....

**Mr. Gladstone.** Color a bright crimson.....

**Eclipse.** Color yellow, papilish scarlet and dark brown, making a most peculiar and attractive flower.....

**Tricolor.** This is often called Painted Daisies. Of easy culture and rapid growth, with almost star shaped blossoms.....

**Choice Mixed Varieties.**.....

**Double Chrysanthemums.** We offer an extra choice mixture, including the most desirable novelties of the different classes of Japanese, Chinese, Pompon and incurved varieties.....

**Chrysanthemum.** (Inodorum Plenissimum.) Hardy perennial. The flowers are a pure white, very double and freely produced.....

**CINERARIA MARITIMA.** (Dusty Miller.) Half hardy perennial. Fine for bedding, ribbon beds and margins; prized for their beautiful, downy, silvery foliage.....

**CINERARIA.** Tender perennial. One of the most gorgeous house plants that can be grown. The colors range from the deepest purple through the lightest shades of pink and carmine, while some are beautifully shaded and marked with various colors.....

**Choice Mixed.** All colors.....

**Hybridia Grandiflora Mixed.** Flowers of the largest size and of intense beauty.....

**CLINTONIA.** Annuals. Charming hardy annual, which blossoms profusely during the summer months.....

**CLEOME PUNGENS.** (Giant Spider Plant.) Annual. This is a showy plant, producing curious heads of flowers of bright rose color, with long antennæ-like stamens 4 to 5 feet

**CLARKIA.** Hardy annual. A beautiful tribe of favorite plants, with pretty, cheerful looking flowers, growing freely and blooming profusely.....

**COLLINSIA.** Mixed. Annual. Very pretty, free flowering annuals, blooming in whorls and several whorls around each flower stem.....

**COLEUS.** (Tender Perennial.) Plants with richly-colored foliage of maroon, green crimson, yellow, etc. Although perennials, they attain perfection from see.. the first season.....

**DIANTHUS OR PINKS.** Annuals. A magnificent genus, embracing some of the most popular flowers in cultivation, producing a great variety of brilliant colors and profusion of bloom. The varieties classed as annuals may be sown out of doors when danger from frost is past, and in a few weeks time they are a mass of bloom, continuing so until hard frost.

**Double China Pink.** (Chinensis Flore Pleno.) Charming large flowers of every shade imaginable.....

**Double Diadem Pink.** (Diadematus.) A very rapid growing variety, with regular double flowers of various colors.....

**“Fire Ball.”** The flowers are rich, velvety red, sometimes shaded with brilliant crimson.....

**Double Fringed Japan Pink.** Beautifully fringed double flowers of the richest and most varied colors.....

**Eastern Queen.** A handsome single variety that is beautifully marbled. The broad bands of rich mauve upon the paler surface of the petals are very striking and pretty.....

**Hedewigii.** The flowers are very large and of the most brilliant colors, varying from pure white to the richest crimson, while many are beautifully laced or striped. Single mixed, Double mixed, Single and double mixed, all colors.....

**Snowstorm.** The blossoms are of an enormous size, pure white, freely produced and of the most perfect formation.....

**Imperial Mixed Pinks.** (See cut.) This mixture will furnish an endless array of lovely pinks from early summer until late autumn.....

**Double Imperial Pink.** (Imperialis Fl. Pl.) Equally as good as many of the carnations, and produces its beautiful flowerseasefully from seed

**New Double Fringed and Striped Pink.** (Lac Fl. Pl. Stri.) A strain of showy, large flowering varieties introduced by a leading European seed grower. The blossoms are charmingly cut and fringed, and are borne in great profusion for a number of weeks during the latter part of the summer.....

**Mixed Pinks.** This mixture will produce from 20 to 30 different colors.....

**Mourning Cloak or White Frilled.** Double, large flowers of the richest and deepest colors in this class.....

**Salmon Queen.** The flowers are very distinct in color, being a brilliant shade of salmon, which changes to light salmony rose as the flowers become old.....

**Pink, Royal Banner.** A charming double flowering variety, with handsomely striped petals that make it exceedingly attractive.....

**Pheasant's Eye Pink.** Perennial. Beautifully fringed flowers of the richest and most varied shades, all being distinctly marked with a brilliant eye.....

**Annual, White.** .....

**pure white flowers from July until September.** .....

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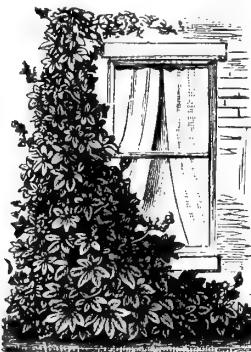
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CHRYSANTHEMUM, LCRD BEACONSFIELD.



CENTROSEMA GRANDIFLORA.



HUMULUS.



HELIOTROPE.

**CENTROSEMA GRANDIFLORA.** Pkt (Look at Me.) (See cut.) Perennial. It is a hardy, perennial vine of rare and exquisite beauty, which blooms early in June from seed sown in April and bears in the greatest profusion inverted pea-shaped flowers from  $1\frac{1}{2}$  to  $2\frac{1}{2}$  inches in diameter, ranging in color from a rosy violet to a reddish purple, with a broad feathered white marking through the center, while the large buds and back of the flowers are pure white, making it appear as if one plant bore many different colored flowers at one time. Occasionally plants produce pure white flowers, while others are broadly margined with a white feathering. The flowers are produced in the greatest abundance, sometimes 6 to 8 in a cluster. The stem and foliage are very graceful and of a delightful odor. .... .10

**CROTOLARIA RETUSA.** (Golden Bush Pea or Florida Rattlebox.) Annual. Beautiful rich golden yellow, sweet pea-like flowers, often 40 blossoms on one spike. The flowers are followed by pods, in which, when shaken, the seeds sound like a child's rattle. .... .10

**GIANT BUSH HILL CYCLAMEN.** Tender perennial. Flowers of extraordinary size and of great substance. The leaves are proportionately large and beautifully marked. The colors range through shades of pink, crimson, white, spotted, etc. .... .25

**CYPRESS VINE.** (Ipomea Quamoclit.) Annual. A quick growing climber, with delicate, dark green, feathery foliage and an abundance of bright, star shaped flowers of white, rose and scarlet. **Scarlet, white, mixed.** .... .05

**CYRERUS.** (Umbrella Plant.) Tender perennial. Grows finely in water with rich soil or mud, throwing up long stalks with narrow green leaves. .... .10

**COBAEA.** (Cups and Saucers Vine.) Annual. A climber of rapid growth, valuable for covering trellises, arbors, trunks of trees, etc.; will cling to any rough surface. .... .10

**Scandens Alba.** Pure white. .... .10

**COCCINEA INDICA.** Annual. A handsome climber of the gourd species, with beautiful, smooth, glossy, ivy-like leaves and fine snow-white bell-shaped flowers. .... .10

**COIX LACRYMA.** (Job's Tears.) Annual. A curious ornamental grass with broad leaves and seeds of a peculiar light slate color. .... .05

**COSMOS.** Annual. **Early Summer Flowering Mixed.** This new strain of early flowering Cosmos begins to bloom scattering in June, the quantity increasing gradually until August, and from that time until frost the plants are a mass of flowers. The plants are dwarfed than the late flowering Cosmos. The colors are white, crimson and pink, which we offer only in mixture. .... .05

**Giant Flowering.** Flowers extra large and of surpassing beauty. .... .10

**COMTELIINA.** Perennial. A tuberous rooted, free blooming, very pretty plant; succeeds in a light, rich soil. .... .05

**DAHLIA.** Tender Perennial. **Double.** Large flowering; finest mixed. .... .10

**Single Mixed.** Large showy single flowers. .... .05

**DATURA WRIGHT.** (Angel's Trumpet.) Annual. Attractive, rapid growing plant, producing immense white and lilac colored trumpet shaped flowers. .... .05

**DAISIES.** (Bellis.) Perennial. Well-known favorites, admirably adapted for edgings, borders and low beds. .... .05

**Snowball.** Mammoth double white blossoms produced in great abundance. .... .15

**Longfellow.** A rich rose color; very double flowers. .... .10

**Double Finest Mixed.** This mixture we offer will produce handsome double blossoms of all shades of pink and red, as well as the snow white. .... .10

**DELPHINIUM.** (Perennial Larkspur.) Hardy Perennial. Plants remarkable for their great beauty, diversity of shades and highly decorative qualities. .... .05

**Zalii.** Rare flowers of a sulphur shade, many having the delicate tints of an orchid. .... .10

**Le Mastodonte.** A giant variety producing blue flowers. .... .10

**Nudicaule.** Beautiful scarlet flowers. Very showy. 10c. **Hybridum Mixed.** .... .05

**Double Tall Rocket.** Annual. Mixed. **Dwarf Double.** Annual. Mixed. .... .05

**Emperor.** Annual. Produces an abundance of long slender flower spikes in the most delicate colors. Many colors mixed. .... .05

**DIGITALIS.** (Foxglove.) Hardy Perennial. Stately plants throwing their flower stalks 2 or 3 feet high. .... .05

**Lanata.** White. **Lutea.** Yellow. **Rosea.** Rose. **Purpurea.** Red. **Mixed.** Various colors. .... .05

**Monstrosa Mixed.** The giants of this class. .... .10

**DOLICHOS.** (Hyacinth Bean.) Annual. A rapid growing climber, flowering freely in clusters, followed by ornamental seed pods. **Purple, red, white, mixed, all colors.** .... .05

**DELWEISS.** Hardy perennial. We offer the true Edelweiss of the Alps which is so highly prized by travelers in Switzerland. The flowers are pure white, star-shaped and downy in texture. .... .10

**ESCHSCHOLTZIA.** (California Poppy.) Tender annual. **Aurantiaca.** Rich orange. .... .05

**Mandarin.** Inner side of the petals rich orange, the outer side brilliant scarlet. .... .05

**Snow Capped.** A beautiful large white variety, 10c. **Mixed.** All colors. .... .05

**The Golden Cross.** The flowers measure from 4 to 6 inches in diameter. The color is light canary yellow, with an orange blotch at the base of each petal, forming a Maltese cross in the center. .... .25

**EUCHARIDIUM BREWERI.** Annual. Lovely flowers of a beautiful rose color. Valuable for massing or for use for edging of large flower beds. It is a rapid growing annual, easily raised from seed and certain to please everyone by its abundance of bloom and bright coloring. This is far ahead of any other variety of its class, and we consider it a decidedly attractive addition to our list of seeds. .... .15

**EUTOCA WRANGELIANA.** Annual. Popular German flowers which grow rapidly from seed and produce brilliant blue blossoms several weeks during the season. .... .10

**ERYSMUM PEROFFSKIANUM.** Hardy annual. Free flowering annuals of neat, compact habit of growth. .... .05

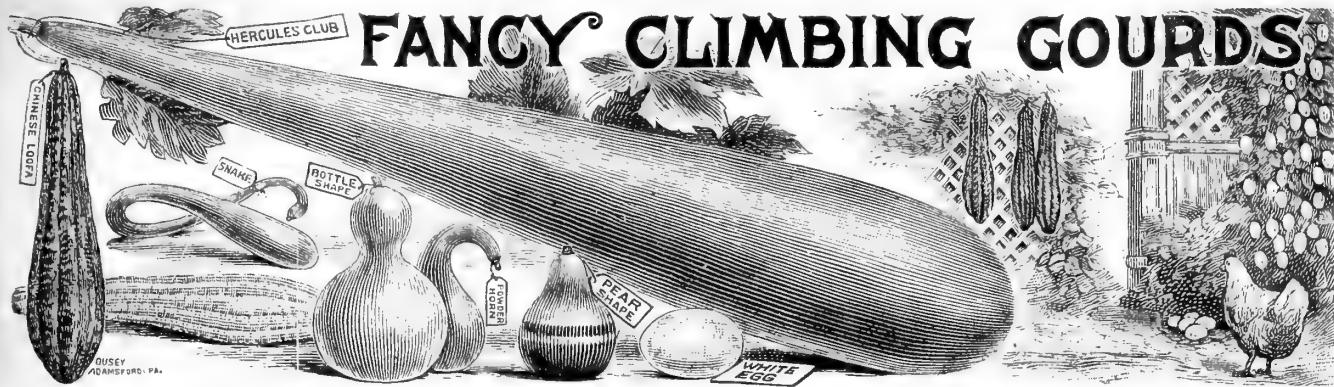
**EULALIA ZEBRINA.** Hardy perennial. A magnificent ornamental grass, often attaining a height of 5 or 6 feet a season. .... .10

**EUPHORBIA VARIEGATA.** (Snow on the Mountain.) A strong growing annual called "Snow on the Mountain" on account of the peculiarly marked foliage which is veined and margined with white. .... .05

**HUMULUS JAPONICA.** (Japan Hop. See cut.) Annual. A well known and most beautiful climber from Japan. Is a rapid grower and has beautiful foliage. .... .05

**HELIOTROPE.** (See cut.) Annual. These deliciously sweet scented plants are desirable not only for house culture, but for open flower gardens during the summer months. **Seedling plants are as a rule more vigorous than those grown from cuttings, and usually produce a greater amount of blossoms.** Our mixture includes the large flowering varieties, as well as some of the older sorts, and is certain to give satisfaction. By sowing the seed in boxes in the house in a warm place during the latter part of the winter, and when the plants are 2 or 3 inches high, transplanting, good flowering plants may be had by the middle of the summer. .... .15

# FANCY CLIMBING GOURDS



**EUPATORIUM FRASIERI.** Hardy perennial. Produces beautiful clusters of snowy white flowers that are especially desirable for bouquets. Pkt \$

**FENZLIA DIANTHIFLORA.** Annual. The flowers are of a rosylilac with a crimson or carmine center. .05

**FERNS.** Finest Mixed. .05  
**FUCHSIA.** Tender perennial. Mixed colors. Choice double and single mixed from named varieties. .15

**Procumbens.** This is of a dwarf trailing habit and the flowers are borne in the greatest profusion almost the entire year. .10

**GAILLARDIA.** (Blanket Flower.) Hardy annual. Splendid bedding plants, their flowers continuing in beauty during summer and autumn. Choice mixed varieties, rich colors. .05

**Picta Lorenziana.** Double Gallardia. The colors offered in mixture comprise sulphur yellow, golden yellow, orange, amaranth and claret. .10

**GAMOLEPIS TAGETIS.** Half-hardy annual. It is of dwarf habit, and the bright yellow, daisy-like blossoms are borne on strong, stiff stems, that rise in a mass above the foliage. .05

**GERANIUM.** Tender perennial. Large Flowering Single Mixed. Carefully saved seed from the giant flowering class. .25

**General Grant.** Bright scarlet. Apple Scented Double Mixed. A carefully selected strain from the finest double flowering geraniums. .10

**GILIA MIXED.** Annual. A popular plant for the open garden, with finely formed, delicate foliage and blossoms of a globular formation. .25

**GLAUCIUM.** (Horned Poppy.) Hardy perennial. Effective border plants, among the prettiest of our white foliaged plants. Their elegantly indented glaucous green leaves make them attractive at all seasons. .05

**GLOXINIA.** Tender perennial. A superb genus of house plant, producing a great profusion of richly colored flowers. We offer the choicest mixture obtainable. .25

**GLOBE AMARANTH.** Annual. Popular everlasting, globular shaped flowers, which, if cut when fully matured, will keep for years. .05

**Alba.** White. **Carnea.** Flesh. **Rubra.** Red Mixed. This includes all of the various shades and colors. .05

**GODETIA.** Annual. Charming garden plants of easy culture, that are noted for their richness and delicacy of coloring. .05

**Duchess of Albany.** A very handsome, free-flowering, pure white variety. .05

**Beauty of St. Paul.** Immense crimson flowers shading to carmine. .10

**The Bride.** Very showy white variety, with rich carmine center. .05

**Bilou or Spotted.** Creamy or milky white variety with rich crimson blotches. Very showy. .05

**Mixed.** .05

**Giant, Mixed Colors.** Gaily colored flowers of every conceivable shade and color, ranging from the deepest cardinal or blood red to the most delicate cream or pearl shade. .10

**GOLDEN MOUND.** (Vn Calandulaceum.) Annual. The plants are of dwarf, bushy form and bear a profusion of bright orange colored blossoms from early summer until late into autumn. .05

**GOLDEN ROD.** Hardy perennial. The favorite wild flower. .05

**GYNERIUM ARGENTUM.** Annual. This is more generally known as "Pampas Grass," and produces great plumes often on stems several feet in length. .10

**GYPSOPHILA ELEGANS.** (Baby's Breath.) Annual. Mixed. These are small, deliciously scented flowers borne on long feathery stems. .10

**HESPERIS.** (Sweet Rocket.) Tender perennial. Fragrant flowers; bloom the entire season. Contains both white and purple varieties. .05

**HELICHRYSUM.** (Straw Flower.) A hardy annual, growing about 12 to 15 inches in height and bearing large double flowers of different shades and colors, ranging from bright yellow to rich red and scarlet, while many are shaded and tipped with various colors. Pkt .05

**GOURDS.** Annuals. This is an interesting class of rapid growing vines, bearing curiously shaped fruits of various shades and colors. They grow rapidly from seed, often attaining a height of from 12 to 20 feet in a single season. Valuable for covering porches, trellises, etc. Seed should be sown in the open ground in the early summer after the weather is settled.

**White Egg.** (See cut.) This is a popular Japanese nest egg that grows exactly the size, color and shape of an egg, and as it is uninjured by cold or wet, is very desirable for nest eggs. .05

**Chinese Loofa.** (See cut.) Called the "Dish Rag Gourd" on account of the tough, fibrous mass in the inside of the gourds, which, separated from the shell, is a most excellent substitute for the common bath sponge. It grows quickly, producing yellow flowers, which develop into large green fruits. .05

**Hercules Club.** (See cut.) So named on account of the enormous size to which it grows and peculiar shape of the fruit. As will be noticed by our illustration, it is club shaped, and presents a most peculiar appearance. .05

**Snake.** (See cut.) An oddly shaped long gourd. .05

**Bottle Shaped.** (See cut.) Our illustration is a representation of this popular variety, which grows to the size and is shaped almost like a bottle. .05

**Dipper.** Dried and used by housewives for dippers. .05

**Teasel.** .05

**Pear Shaped.** (See cut.) A beautifully colored variety, usually striped with yellow, green and cream. .05

**Mixed Gourds.** This mixture includes nearly all the above named kinds, as well as a grand assortment of other gourds. .05

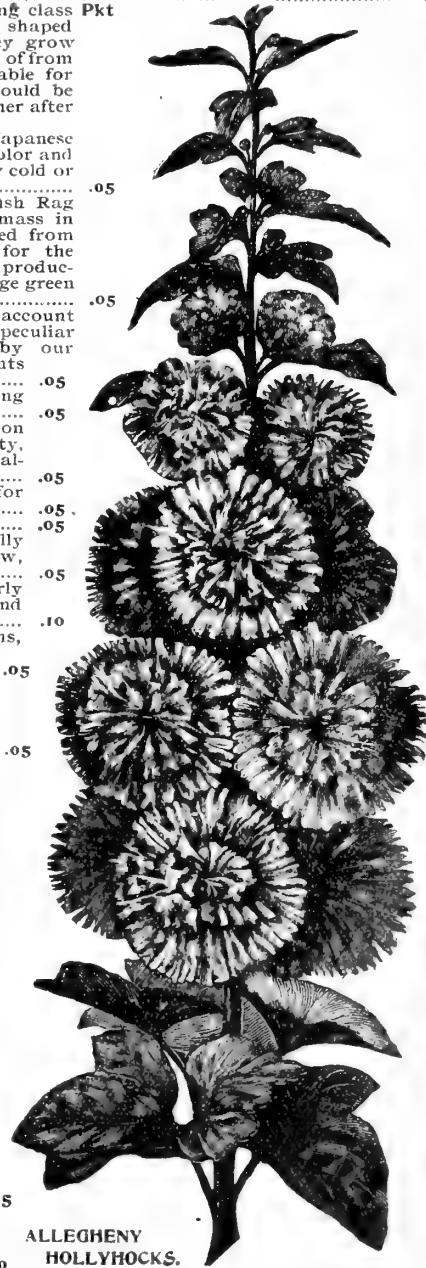
**Odoratissimum.** Very fragrant blossoms, which are succeeded by beautiful orange colored fruits. .05

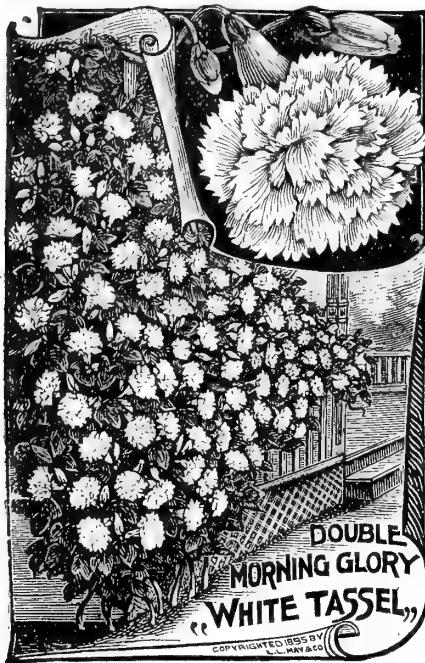
**Pereniss.** A hardy perennial variety, which stands our cold winters with slight protection. The foliage of this variety is highly ornamental; valuable for arbors, trellises, etc. .05

**NEW EVER-BLOOMING ALLEGHENY HOLLYHOCKS.** (See cut.) Bloom the first year from seed. A new type of Hollyhocks. This grand new flower is a decided improvement in more than one particular over the old-fashioned variety. Its first point of merit is the fine, transparent fringed flowers, which look as though they were made up of crushed silk. One has to see this plant in bloom to appreciate its clear, transparent colors, which make a row shine with rainbow effect. It is a **perpetual bloomer**, and has from 2 to 4 buds at base of each leaf, where the old style has only one. All of these buds develop into flowers in rotation, the largest buds first, then the smaller ones, and so on until they have all opened up to beautiful flowers. The great height of the column, like pyramidal spikes, thickly studded with flowers, adds materially to the decorative value, and unless one has seen this new plant in front of a porch one would never suspect its ornamental possibilities. The colors are shell pink, rose and ruby red, a shade or two deeper at the center, and exquisitely tinted toward the edge. Extra selected seed. 15

**Hollyhocks.** Hardy perennial. Dbl. crimson, dbl. flesh colored, dbl. purple, dbl. rose dbl. scarlet, dbl. white, dbl. yellow. .10

ALLEGHENY  
HOLLYHOCKS.





ing free flowering plants, suitable for house culture or the open garden during the summer months. The flowers are of a rosy scarlet color and always borne in the greatest profusion.....

**IPOMOEA.** Annual. Climbers of rapid growth, with beautiful and varied flowers.

**Bona Nox Leari.** (Blue Dawn Flower.) The flowers, which are borne in clusters of a beautiful sky blue shade, often measure 6 inches in diameter.

**Coccinea.** (Star Flower.) A charming variety, growing to a height of 8 or 10 feet, and bearing a profusion of bright scarlet flowers.

**Marmorata.** A peculiarly beautiful climber, with foliage which is marbled and blotched with green and white.

**Flexicana Alba.** (The Moon Flower.) Our experience proves that it is the most rapid growing of all the annual climbers. During the summer season the vines are covered with hundreds of mammoth pure white flowers, which open in the evening and remain open until about noon the following day.

**Setosa.** (Brazilian Morning Glory.) A robust, vigorous growing climber with immense leaves, often measuring 10 to 12 inches across. The vine is covered with short reddish hairs, which, with its enormous leaves and peculiar cluster of seed capsules, render it a decidedly attractive ornamental climber. The blossoms, which are of a peculiar blue or reddish purple, are borne in clusters of from 2 to 3 each.

**Mixed.** We offer a choice mixture of the different varieties.....

**IPOMOPSIS.** (Tree Cypress.) Half hardy biennial. Handsome free flowering plants, dazzling flowers.

**JACOBOEA MIXED.** Annual. These are showy flowers of the gayest colors imaginable.

**LANTANA.** Tender perennial. Handsome free flowering genus, with brilliantly colored flowers.....

**MIGNONETTE.** (Reseda.) Annual. A well known fragrant favorite.

**Odorata or Sweet.** The well known variety often spoken of as "Sweet Mignonette".....

**Machet.** (See cut.) Popular in France, where it is extensively grown. Color bright red. Is of dwarf habit and splendid for pot culture.....

**Giant White.** (See cut.) Grows to an immense size. Flowers large, fragrant and almost a pure white.....



<b>HIBISCUS.</b> (Marsh Mallow.) Hardy annual.	Pkt	New Golden Queen. (See cut.) Of all the additions among the annuals this lovely Mignonette is one of the most valuable. It is extremely beautiful in shape and color. The flowers are very large and of a rich golden shade.....	.05
<b>Africanus.</b> Cream color, rich brown center.....	.10		
<b>Coccinea.</b> Greenhouse perennial. Bright scarlet.....	.10		
<b>Palustris.</b> Large pink flowers; hardy perennial.....	.10		
<b>HUMEA ELEGANS.</b> Biennial. It attains a height of 5 or 6 feet and the small flowers are borne in immense numbers on branches of a drooping habit. Colors red, pink and crimson.....	.10		
<b>HYACINTHUS CANDICANS.</b> Tender perennials. These are often known as Giant Summer Flowering Hyacinths, as they attain a height of 4 or 5 feet and produce immense spikes, nearly 2 or 3 feet in length. The flowers are very beautiful in appearance and bell shaped.	.10		
<b>HUNNEMARIA FUMARIAFOLIA.</b> (Yellow Tulip Poppy.) Annual. Seed should be sown early in May and by midsummer will produce good thrifty plants about 15 inches high, covered from top to bottom with large buttery yellow, tulip-like blossoms, which will be borne incessantly until late in the fall.....	.15		
<b>HEDYSARUM CORONARIUM.</b> (French Honeysuckle.) Biennial. It is not a climber, but a beautiful little garden plant; a prolific bloomer.....	.10		
<b>ORDEUM JUBATUM.</b> (Squirrel Tail.) Annual. It resembles slightly our barley, as it has heavy bearded heads. It is a desirable addition to the ornamental grasses.....	.05		
<b>ICE PLANT.</b> Tender perennial. Prized for its singular icy foliage.....	.05		
<b>IMPERIENSIS SULTANA.</b> These are charming annuals, with flowers of a pale yellow color, and always borne in the greatest profusion.....	.05		
<b>IPOMOEA.</b> Annual. Climbers of rapid growth, with beautiful and varied flowers.	.05		
<b>Bona Nox Leari.</b> (Blue Dawn Flower.) The flowers, which are borne in clusters of a beautiful sky blue shade, often measure 6 inches in diameter.	.05		
<b>Coccinea.</b> (Star Flower.) A charming variety, growing to a height of 8 or 10 feet, and bearing a profusion of bright scarlet flowers.	.05		
<b>Marmorata.</b> A peculiarly beautiful climber, with foliage which is marbled and blotched with green and white.	.05		
<b>Flexicana Alba.</b> (The Moon Flower.) Our experience proves that it is the most rapid growing of all the annual climbers. During the summer season the vines are covered with hundreds of mammoth pure white flowers, which open in the evening and remain open until about noon the following day.	.05		
<b>Setosa.</b> (Brazilian Morning Glory.) A robust, vigorous growing climber with immense leaves, often measuring 10 to 12 inches across. The vine is covered with short reddish hairs, which, with its enormous leaves and peculiar cluster of seed capsules, render it a decidedly attractive ornamental climber. The blossoms, which are of a peculiar blue or reddish purple, are borne in clusters of from 2 to 3 each.	.05		
<b>Mixed.</b> We offer a choice mixture of the different varieties.....	.05		
<b>IPOMOPSIS.</b> (Tree Cypress.) Half hardy biennial. Handsome free flowering plants, dazzling flowers.	.05		
<b>JACOBOEA MIXED.</b> Annual. These are showy flowers of the gayest colors imaginable.	.05		
<b>LANTANA.</b> Tender perennial. Handsome free flowering genus, with brilliantly colored flowers.....	.05		
<b>MIGNONETTE.</b> (Reseda.) Annual. A well known fragrant favorite.	.05		
<b>Odorata or Sweet.</b> The well known variety often spoken of as "Sweet Mignonette".....	.05		
<b>Machet.</b> (See cut.) Popular in France, where it is extensively grown. Color bright red. Is of dwarf habit and splendid for pot culture.....	.05		
<b>Giant White.</b> (See cut.) Grows to an immense size. Flowers large, fragrant and almost a pure white.....	.05		
<b>CRIMSON BELL.</b> Color reddish crimson			
<b>Parson's White.</b> (See cut.) Large whitespikes that are highly perfumed. Very popular for the open garden as it grows quickly and blooms profusely.....			
<b>MINA LOBATA.</b> This is one of the most charming climbers in cultivation. The growth is strong and luxuriant, bearing a profusion of projecting racemes of flowers 12 inches in length, alternately bright red, orange yellow and yellowish-white in color, according to maturity and development.....	.10		
<b>MIRABILIS.</b> Mixed. (Marvel of Peru—Four O'Clocks.) Beautiful summer blooming annuals, growing about 2 feet high, each plant bearing during the summer season hundreds of mammoth flowers of white, yellow, crimson, red and striped. The blossoms are funnel shaped, and usually open about four o'clock in the afternoon, remaining open all night and	.05		
<b>MATRICARIA, Double White.</b> (Double Feverfew.) Annual. The flowers are small, perfectly double and very desirable for cutting to be used in bouquets.....	.05		
<b>MAURANDIA.</b> Mixed. Charming graceful climbers covered with rich purple, white and rose fox-glove shaped blossoms.....	.10		

**NASTURTIUMS.** No flower is more popular Pkt than this magnificent class, which presents \$ all the richest and most varied shades found in the floral world. The Tall growing sorts are unequalled for trellises or covering unsightly posts and fences, while the Dwarf varieties are found in nearly every window box or hanging basket. **No better collection** than the one we offer has ever been listed by an American seed firm, and it was only at a great expense that we were able to secure such a magnificent collection of novelties in Nasturtiums.

**DWARF VARIETIES.**

**Beauty.** Beautifully marked yellow and red. .05  
**Bronze.** Coppery bronze color. .05  
**Empress of India.** Dark crimson flowers. .05  
**Gem.** A handsome sulphur orange color spotted with deep maroon. .05  
**Ruby King.** Clear light rosy red. .05  
**King Theodore.** Deep shade of maroon. .05  
**Yellow.** Clear creamy yellow. .05  
**The Rose.** Pinkish rose. .05  
**Bronze Prince.** Large flowers of a mahogany color, shading to a rich bronze. .10  
**Violet.** Color, rich violet purple, sometimes shaded with deep bluish crimson. .05  
**Prince Henry.** Cream shaded and spotted with scarlet. .10  
**Mixed.** An assortment of many shades and colors. .05  
**Star Mixed.** The most beautiful assortment of colors that can be obtained from one of Europe's leading specialists. .10

**TALL OR CLIMBING.**

**King Theodore.** Rich dark crimson. .05  
**Rose.** Clear rose shade. .05  
**Orange.** Bright orange; very showy. .05  
**Chocolate Queen.** Color, deep velvety brown or chocolate. .10  
**Sunbeam.** Pure yellow, without any markings. .05  
**Scarlet.** Rich scarlet. .05  
**The Pearl.** Almost a clear pearl color. .05  
**Blotched Beauty.** Delicate creamy white blossoms, which are beautifully marked with crimson maroon or brown. .10  
**Crimson Prize.** Rich crimson. .05  
**Regelienum.** Dark violet crimson. .05  
**Hemisphaericum.** A clear orange or straw color and richly marked with rosy scarlet. .05  
**King of Blacks.** A deep blackish brown, sometimes shaded with a dark crimson. .05  
**Mixed.** A splendid mixture. .05  
**Imperial Mixed.** This embraces the choicest varieties found in this magnificent class of flowers, ranging in shades from the most delicate cream to the richest and deepest colors. .10  
**Ed Otto.** A variety of brownish lilac color. .05  
**LOBB'S NEW CLIMBING NASTURTIUMS.** A new class of this popular flower which produces a greater profusion of blossoms than the old sorts, but the flowers or foliage are not so large. .05  
**Brilliant.** Deep shade of scarlet. .05  
**Chaxianum.** A beautiful yellow with carmine blots. .05  
**Mercier Lacombe.** Rich purplish or violet crimson. Very handsome. .05  
**Lilli Schmidt.** Brilliant orange scarlet. A profuse bloomer. .05  
**Monsieur Colmet.** Dark brown. A handsome shade. .05  
**Triomphe De Gant.** Clear shade of light scarlet. .05  
**Lobb's Mixed.** This includes all the finest colors in this class. .05

**7 PACKETS FOR 25c.**

To induce our friends to plant Nasturtiums liberally this coming season we will send 1 packet each of **seven different varieties listed at 5c each for only 25c.** This allows you to select either Dwarf or Tall sorts and is an offer unequalled by any other firm.

**LAVATERA TRIMESTRIS.** Annual. These are bushy, upright growing plants, producing large, showy single flowers of various shades of pink, rose, red and pure white. .05  
**LEPTOSINE MARATIMA.** Annual. A half hardy annual which grows to a height of about 2 feet, and produces brilliant yellow flowers in profusion during the summer months. It is one of the most easily grown of all of the annuals, and desirable for grouping in a bed with other flowers. .10  
**LINUM.** (Flowering Flax.) One of the most effective and showy bedding plants we have; habit of growth is slender and delicate. .10

**Coccineum.** Hardy annual. Dazzling scarlet blossoms; about one inch in diameter and borne in the greatest abundance. Height one foot. .05  
**Perenne.** Mixed. Hardy perennial. The flowers are borne in great abundance on long, slender, wiry stems or branches, giving them the appearance of flowers floating in the air; different shades of blue and pink as well as purest white blossoms. .10

**LOBELIA. COMPACT OR BEDDING VARIETIES.** Annuals.

**Crystal Palace Compacta.** Rich, dark blue flowers that are very desirable for bedding, as they form very handsome little bushes completely covered with flowers. .10  
**White Gem.** The best pure white, forming a perfect ball of snow white flowers. .10  
**Emperor William.** A thrifty growing variety with intense blue flowers. Rapid in growth; blossoms profusely. .10  
**Mixed Compacta Varieties.** Assortment including all kinds. .10

**ERINUS OR TRAILING VARIETIES.** Annuals. They grow in a drooping form, blooming in a short time from sowing of seed. We offer a few of the best sorts.

**Paxtoniana.** Clear white flowers with a distinct blue edge. Very showy. .05

**Gracilis.** A beautiful shade of bright blue with a little white eye. .10

**Speciosa.** Dark blue. The best variety for hanging baskets. .05

**Mixed Lobelia.** .05

**Cardinalis.** (Cardinal Flower.) Perennial. Brilliant variety, bearing spikes of showy scarlet blossoms. .10

**LUPINUS.** Annual. Ornamental, free blooming garden plants with long, handsome spikes and richly colored, pea-shaped blossoms. **Mixed sorts.** .05

**LYCHNIS HAAGEANA.** Hybrid Mixed. Hardy perennial. Handsome, showy plants of easy culture, that should be grown in every garden. The flowers are usually produced in clusters and borne constantly through the summer. .10

**MARIGOLDS.** (Indian Rose.) Free blooming annuals of easy culture that are very effective for growing in beds. .10

**Legion of Honor.** A pretty single flowered variety, forming a compact bush which is covered during the summer season with bright golden flowers, each one of which is marked with a velvety crimson spot. .10

**Yellow Queen.** Immense double dahlia-like blossoms that are produced in the greatest profusion. It is said to be the largest flowering marigold ever produced. .15

**Tall Double African Mixed.** Our assortment includes lemon, yellow, orange, sulphur, golden and light brown. .05

**Double Dwarf French.** A beautiful little class, growing about 10 or 12 inches in height and producing a great profusion of double flowers of various shades and colors. .05

**Gold Striped.** Double flowers of a rich brownish red, striped and marked with golden yellow. .05

**Eldorado.** Charming large flowers, imbricated and very double, of all shades of yellow. .05

**MYOSOTIS.** (Forget-me-nots.) Perennial. Bushy plants 6 to 10 inches high, bearing clusters of lovely small flowers. .10

**Alpestris.** Blue. .05

**Fairy Queen.** An exceedingly beautiful porcelain blue flower. .10

**Victoria Blue.** Of bushy habit, bearing large, bright, azure blue blossoms. .10

**Victoria Rose.** Rose colored. .10

**Victoria White.** One of the finest varieties in cultivation. Flowers pure white. .10

**Palustris.** The true swamp variety, which does not bloom until the second year, but in moist, shady locations will grow and bloom for several years. .05

**Mixed.** All colors. .05

**MOMORDICA.** Annual. An odd climber, with yellow flowers and foliage similar to the Canary Bird Flower. .05

**Balsam Apple.** This has orange colored fruit that is very showy. .05

**Balsam Pear.** Bright copper colored scarlet fruit. .05

**MONKEY FLOWER OR MINULUS.** Tender perennial. These bloom freely the first season, and are very popular for baskets, vases and also for house culture. The flowers are peculiar in shape, and beautifully blotched and marked with the showiest colors imaginable, rivaling in their exquisite tinting the well known Gloxinias. .10

**NEMESIA.** Mixed. Free flowering annuals which grow rapidly from seed and bear abundantly. Brilliant flowers of various shades. .05

**NEMOPHILA.** (Love Grove.) Annual. Of neat, compact habit, blooming freely all summer. .05

**NERIUM.** (Oleander.) Tender perennial. .05

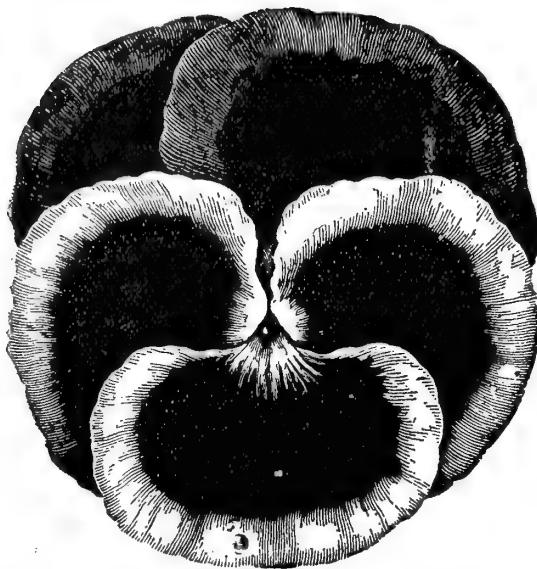
**Album.** White. .05

**Mixed.** All colors. .05

**NIGELLA.** (Love in the Mist, or Devil in the Bush.) Annual. A compact, free-flowering plant, with finely cut foliage, curious looking flowers and seed pods. .10

**OXYURA.** Annual. Grows to a height of 15 or 18 inches; produces an abundance of daisy-like flowers of lemon color. .10





GERMAN PRIZE.

**Cassier's Giant.** Mammoth flowers of every conceivable color....  
**Emperor Frederick.** It is a rich, deep purplish red with golden bronze center and a broad margin of scarlet and yellow.....  
**Excelsior.** Rich blue with yellow eye.....  
**Faust, King of the Blacks.** The darkest variety grown; almost a coal black.....  
**Fire Dragon.** A deep fiery red, very striking and handsome.....  
**Fire King.** Upper petals and part of lower a deep brownish red, balance of flower golden yellow.....  
**Giant Emperor William.** Flowers of a beautiful shade of blue, which gradually deepens to purple.....  
**Marginalia.** Violet purplish or deep blue; border creamy white  
**Prince Bismarck.** Brown and Pkt., golden bronze marbled.....\$ .10  
**Orange Prince.** One of the showiest of the golden yellow varieties. Center shades to a rich brown.....  
**Ocean Spray.** Blue, edge white.....  
**Purple Goldedge.** Intense purple, edged with golden yellow.....  
**Purple Gem.** Rich purplish black.....  
**Rainbow or Tiger.** The blossoms are striped and blotched in the most peculiar manner.....  
**Sensation.** Rich shade of dark red.....  
**Sunbeam.** Rose, shaded and tinted with pink, or sometimes marbled with rose.....  
**Shah.** Beautiful bronze, tinged with light brown and mahogany.....  
**Swanley Blue.** Clear light blue, sometimes shading to a cream white at edge.....  
**Violet.** Lovely shade of violet, edged with white.....  
**Giant Striped.** Beautifully striped pansies of the richest shades imaginable.....  
**Giant Lord Beaconsfield.** Light blue and purple.....



BLACK PRINCE.

## Rare Pansies,

are our specialty, Pkt. and we have spared no pains or expense in securing the most complete and comprehensive list of varieties ever offered in America. Our seed comes from the most reliable specialists on two continents, is fresh, crop of 1901, perfectly pure and thoroughly tested as to type and germinative qualities so that we offer with all confidence the following varieties, knowing that they will give our customers most perfect satisfaction.

**Alpine Belle.** A very pleasing light blue.....  
**Beauty.** Clear fawn shade. A perfect beauty.....  
**Black Prince.** (See cut.) An improvement on Faust, the well known black variety. Flowers larger and produced in greater abundance.....  
**Blue Prince.** A rich dark purple or blue black, shading to lavender.....

**Bronze Queen.** The flowers are of good size and produced in great profusion. The colors are a rich brown or bronze, shading to light mahogany.....  
**Butterfly Pansies.** This strain has been named the **Butterfly Pansies** on account of the delicate colors which are always found in these flowers.....

**PARIS PRIZE PANSIES.** (See cut.) This is a charming collection of varieties which we have procured direct from the leading seed growers in France. They are not only noted for their size and beautiful coloring, but also for the freedom with which their flowers are produced. They begin to bloom very early and produce an almost endless array of flowers of all colors until cut down by the severe frosts.

**Marseilles Gem.** Tinted a most delicate shade of light blue.....  
**Napoleon III.** Deep, bronzy red.....  
**Royal Purple.** Almost a black, so deep is the coloring of this beauty.....

**President Faure.** A beautiful white pansy of large size, each blossom having a distinct dark eye.....  
**Clou De Lyon.** Curiously marked and striped.....  
**Giant French Mixed.** A grand assortment of the finest French varieties, including all the shades known to that class.....

**NOTE.** For 50 cents we will send one packet each of the above **SIX RARE PANSIES**.

**FINE GERMAN PANSIES.** Six of the best named varieties. For years Germany has been recognized as headquarters for Pansy Seeds of the latest and best varieties.

**Lady in White.** Beautiful white variety of good size and perfect form  
**Prince Bismarck.** Brown, marbled and tinged with golden bronze.....  
**Pride of Berlin.** An odd black variety which is tinged with golden cream bronze.....  
**Maria Theresa.** Shaded rose and pink.....

**Frederick the Great.** Yellow, with a dark shading at the center.....  
**German Prize Mixed.** (See cut.) This mixture includes ten of the leading named varieties. The flowers are of large size and freely produced.....

**NOTE.** One packet each of the six German Pansies for 50c.

**A FEW CHOICE MIXTURES.** Those of our customers who do not care to grow separate varieties as listed by us, but want choice mixtures for bedding on the lawn, will find the following mixtures very pleasing and satisfactory. We make all these mixtures ourselves, putting in only the best named varieties.

**May's Special Mixture for Florists.** The plants produced from this mixture are of the greatest vigor and perfection in growth as well as beauty in size, color and shape of the flowers. The collection that we offer has been carefully selected from over a hundred strains which we have tested in our greenhouses, and we are positive that there is not an other firm in the world that can offer a finer mixture. The rich and varied colors of this mixture cannot fail to please the most exacting pansy specialists.....

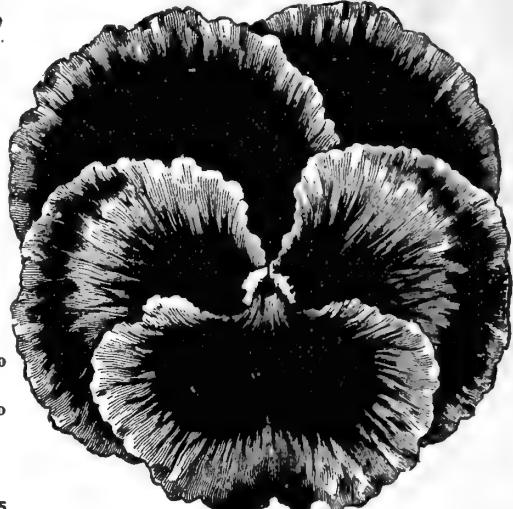
**May's Royal Mixed.** This mixture contains over 30 of the leading varieties and strains, and will produce a bed of pansies which for size, coloring and freedom of bloom will be the admiration of all who see it. In making up this collection we have endeavored to select such sorts as we know by experience would prove of the greatest value to the amateur.....

**English Show Mixed.** This is made up of the famous English varieties, the best standard sorts and all the recent introductions of merit.

**Star Mixed.** This splendid mixture is made up of the following sorts and will make a magnificent display: Golden Queen, Snow Queen, Bronze Queen and Faust.....

**Trimardeau or Giant Mixed.** A magnificent strain noted for the immense size of their flowers.....

**Common Mixed.** This will produce an abundance of showy blooms, though not as large or beautiful as the more expensive varieties.....



PARIS PRIZE.

Pkt.  
\$ .20

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MIKADO POPPY.

**PHACELIA CAMPANULARIA.** Annual. The flowers are borne upright, of a cup shape, and the most lovely shade of blue.....

**PLATYCODON GRANDIFLORA.** Chinese Bell Flower. Hardy perennial. **They bloom readily the first season from seed.** The bright, star-like flowers are from 3 to 4 inches across and very freely produced. **The strain of this flower which we offer our patrons will give the largest and most perfect blossoms.**

**PHLOX DRUMMONDI.** Annual. The varieties of this flower are noted for extreme richness of color, profuseness of blossom and length of duration in bloom.

**GRANDIFLORA.** Tall, large flowering sorts.

**Prince Arthur.** This is a large flowering white variety which we introduced several seasons ago. The strain has been carefully saved and will produce great clusters of snow white blossoms.....

**Isabellina.** Blossoms are a delicate cream yellow, which frequently shades to clear light salmon. **Star of Quedlinburg.** The long, pointed center teeth of the petals give the flower an elegant, star-like form.....

**Crimson White Eye.** Flowers of an intense crimson with a distinct white eye.....

**Eastern Queen.** Rich, deep crimson rose.....

**Aylesbury Prize.** Marked and striped with white and crimson.....

**The Countess.** A lovely shade of rosy pink.....

**Fireball.** Intense fiery scarlet.....

**White, rose, scarlet, blood red, red striped white.**.....

**Giants Mixed.**.....

**DWARF PHLOX.** This class grows only 6 or 8 inches high, and is very desirable for planting in window boxes as well as for bedding. **Blooms freely. White, scarlet.**.....

**Leopoldi.** Clear carmine with a pure white eye.....

**Mixed.** All shades and colors.....

**MAY'S CELEBRATED PETUNIAS.** (See cut.) Annual. For outdoor decoration or house culture few plants equal the petunia in effectiveness. They commence flowering early and continue a sheet of bloom throughout the whole season until killed by frost. Easily cultivated, only requiring a rich soil and a sunny position.

**Countess of Ellesmere.** Single pink, with white throat.....

**Defiance.** Flowers over 5 inches in diameter, while the colors are indescribably rich and varied.....

**General Dodds.** A deep velvety red.....

**Inimitable.** A single flowering petunia with blossoms striped and blotched with cherry, pink and white.....

**Intus Aurea.** The yellow-throated petunia, so valuable for the garden.....

**Moonlight.** The largest and best flowering single white petunia we have ever seen.....

**Rose Queen.** A beautiful rosy pink petunia.....

**Red Cross.** The flowers, although not so large as some, are beautifully striped, and never fail to attract attention wherever seen.....

**Giants of California.** Flowers of an immense size, many single blossoms measuring over 4 inches in diameter. They are of various colors, ranging from light rose to the deepest shades imaginable.....

**Single Mixed.**.....

**Choice Single Mixed.** (Hyb. Grand.) More carefully saved than the above mixture. A finer assortment of colors.....

**German Show Mixed.** Noted for their size and coloring.....

**Single Fringed Large Flowering.** The surpassing beauty of these flowers renders them superior to any ever offered by any firm. The blossoms are of the largest size, many of them delightfully perfumed, and all of them cut and fringed in a most charming manner. The colorings and markings are the most exquisite ever seen in any flower.....

**Double Large Flowering Fringed Mixed.** This strain is selected from carefully hybridized plants and will produce a high percentage of double flowers, all most beautifully fringed, blotched and marked.

**Imperial Mixed.** In this collection will be found all the choicest varieties in this lovely class of flowers.....

**Good Double Mixed.** A good strain of seed which will produce a number of handsome double petunias.....

**POPPIES.** Annuals.

**Peacock.** The most striking feature of the flower is the conspicuous glossy black zone near the center, which brings out the vivid scarlet and cherry crimson of the rest of the flowers.....

**Snowdrift.** Immense flowers, frequently measuring 2½ to 3 inches in diameter. A profuse bloomer, covering its foliage with pure white flowers.....

**The Mikado.** (See cut.) A Japanese variety. Flowers pure white at the back, its fringed edges crimson scarlet.....

**Fairy Blush.** Mammoth flowers, perfectly double, measure from 10 to 13 inches in circumference. **The petals are elegantly fringed with pure white, except at the tips, where they are distinctly colored with rosy cream.**.....

**Lavender Gem.** Flowers extra large and very double; clear lavender.

**Crimson Queen.** Large double crimson colored flowers of perfect form.....

<b>NICOTIANA.</b> Half-hardy annual.	Pkt
<b>Affinis.</b> Very fragrant, pure white, star-shaped flowers.....	\$ .05
<b>Sylvestris.</b> Flowers very sweet scented, long, pure white, hanging in racemes over the foliage.....	.10
<b>NIEREMBERGIA.</b> (Cup Flower.) Perennial. A half-hardy perennial, slender growing plant, perpetually in bloom, flowering the first year if sown early.....	.05
<b>OXALIS.</b> Perennial. Beautiful small plants, suitable for the greenhouse, rock-work or outdoor culture, flowering the first year. Blooms in clusters. Mixed.....	.05
<b>PALAVA FLEXUOSA.</b> Annual. The flowers are remarkably showy, being of a handsome pink shade with black throats, entirely distinct from anything else we know of.....	.05
<b>PASSION FLOWER.</b> Handsome, rapid growing perennial climber, for greenhouse decoration or sunny positions in the open ground in summer. <b>Mixed Varieties.</b> .....	.05
<b>PENTSTEMON.</b> Hardy annual. Remarkable for the abundance and beauty of their individual blossoms. <b>Mixed Colors.</b> .....	.05

**PETALONIUM, Choicest Mixed.** (Lady Washington Geraniums.) Tender perennials. The markings of some of the flowers are unequalled by any other class, rivaling in their delicate shading and richness the most expensive orchids. **Mixed.**.....

**PETUNIA.** Annual. Remarkable for the abundance and beauty of their individual blossoms.

**Mixed Colors.**.....

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**PETUNIAS.** Annual. Remarkable for the abundance and beauty of their individual blossoms.

**Mixed.**.....

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**Lavender Gem.** Flowers extra large and very double; clear lavender.

**Crimson Queen.** Large double crimson colored flowers of perfect form.....

<b>PETUNIAS.</b> Annual. Remarkable for the abundance and beauty of their individual blossoms.	Pkt
<b>Mixed.</b> .....	.05
<b>Shirley Poppies.</b> They range in color from pure white through many shades of pale pink, rose, carmine, ending in the deepest crimson; many delicately edged, blotched and striped, which adds greatly to their loveliness.....	.10
<b>Scarlet Tulip Poppy.</b> Large, vivid scarlet blossoms, which have a dark spot at the base of the petal.....	.10
<b>Imperial Mixed Poppies.</b> A magnificent mixture of over 20 of the best named flowering sorts.....	.10
<b>Mephisto.</b> Extra large flowers of a scarlet shade, with deep, violet purplish spots.....	.10
<b>Paonia Flowered.</b> Beautiful immense double blossoms of every conceivable shade and color.....	.10
<b>The Tree Poppy.</b> It grows to a height of 2 or 3 feet, and produces its beautiful golden flowers in the greatest profusion.....	.35
<b>Umbrosum.</b> Richest vermillion, with a deep shining black spot on each petal, thus forming a black cross.....	.05
<b>POLYANTHUS, Mixed.</b> The flowers are produced very freely and are of the richest shades and colors.....	.15
<b>PRIMULA.</b> (Primrose.) Tender perennial.	Pkt
<b>Japonica, Mixed.</b> These are semi-hardy. The flowers are bright and showy, borne in clusters on stems 6 to 9 inches in length.....	.10
<b>Acaulis.</b> The hardy garden primrose; succeeds with winter protection in almost any location, throwing up its beautiful little flowers quite early in the spring.....	.10
<b>CHINESE PRIMROSE.</b> To this class belong the beautiful large flowering varieties so much admired.	.10
<b>Single Fringed.</b> Blue, crimson, red, striped, white, mixed.....	.25
<b>Single, Mixed.</b> All colors; not fringed.....	.15
<b>Double Fringed.</b> Mixed; all colors.....	.25
<b>POTULACA.</b> (Moss Rose.) Annual. Valuable dwarf growing little plants that will make a dazzling display when grown in a bed.	
<b>Single Aurantica.</b> A rich golden yellow color.....	.05
<b>Single Alba.</b> Pure white.....	.05
<b>Single Scarlet.</b> Bright shade. <b>Rose.</b> A delicately tinted variety.	.05
<b>Carnation Striped.</b> Very showy. <b>Single Mixed.</b> All colors.....	.05
<b>Double Mixed.</b> .....	.15
<b>PYRERTRHUM.</b> Hardy perennial. Handsome, hardy herbaceous plants of rapid growth and easy culture.	
<b>Aureum.</b> Called <b>Golden Feather</b> on account of its bright rich yellow foliage.....	.05
<b>Laciniatum.</b> Improvement on the above variety as the foliage is very finely fringed and of a rather more graceful appearance.....	.10
<b>RICINUS.</b> (Caster Oil Bean.) Half-hardy annual.	
<b>Cambodiensis.</b> The finest dark foliage variety.....	.05
<b>Zanzabariensis.</b> Very dark leaves. Plants 3 to 4 feet across.....	.05
<b>RHODANTHE.</b> (Everlasting flowers.) Half-hardy annual.....	.05
<b>RHODOCHITON.</b> (Purple Bells.) A charming climber. The leaves are very pretty, the upper surface bright green, the under side purplish red. Flowers two inches long and of a rich claret red.	.10
<b>ROSE.</b> (Dwarf Polyantha or Fairy.) Half-hardy perennial.	
<b>Beautiful miniature roses, easily raised from seed.....</b>	.15
<b>RUDBECKIA.</b> (Cone Flower.) Annual. Grow 18 inches high; produce yellow flowers with a dark purplish black center.....	.10

<b>PETUNIAS.</b> Annual. Remarkable for the abundance and beauty of their individual blossoms.	Pkt
<b>Mixed.</b> .....	.05
<b>Shirley Poppies.</b> They range in color from pure white through many shades of pale pink, rose, carmine, ending in the deepest crimson; many delicately edged, blotched and striped, which adds greatly to their loveliness.....	.10
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<b>RUDBECKIA.</b> (Cone Flower.) Annual. Grow 18 inches high; produce yellow flowers with a dark purplish black center.....	.10

# The World's Best Sweet Peas.

**CULTURAL HINTS.** We are often asked, "What treatment or culture shall I give my sweet peas that I may grow them successfully?" It is almost impossible to give instruction, that will cover every locality, as much depends upon soil situation, etc. However, by following the general hints which we give herewith, modified by your own judgment to suit the local conditions, you should be able to grow good sweet peas. Plant early in rows north and south—April 1st is none too soon, if the ground will work. Make a trench 12 inches deep and 15 inches wide. Work into the soil in bottom of trench plenty of well rotted manure; fill 8 inches of trench with fine soil and sow the peas, covering 1 inch deep (if about April 1st), in two rows ten inches apart and seeds 2-inches apart in the rows; if planted later cover deeper. When well up, fill in the earth gradually as they grow, until the trenches are full. The object is to get the roots well down, so that they may resist drought. Give plenty of water, pick the blooms without stint, and do not let run to seed. Use brush or trellis 5 or 6 feet high.

**MAY'S IMPERIAL COLLECTION.** The varieties described below are seven of the large free flowering class, unequalled by any of the high priced sorts sold by other firms at 15c and 25c per package. It contains the cream of the new and standard sorts.

**APPLE BLOSSOM.** One of the loveliest colors imaginable. The standards are an almost clear pink shading rose and the wings a delicate pale pink. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 75c.

**AMERICA.** A large bold flower with an almost pure white ground, striped with bright blood red. Pkt. 5c, oz. 10c, 1-4 lb. 25c, lb. 75c.

**BLUE BELL.** A handsome shell-formed blossom with standards of a purplish blue color and wings a very deep violet. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 65c.

**MRS. ECKFORD.** The largest flowering primrose yellow sweet peas we have ever seen; a strong grower and the flowers are produced in great abundance. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 65c.

**COUNTESS OF RADNOR.** Clear lavender. A beautiful variety. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 65c.

**GRACE MAY.** A giant flowering white variety, the finest that can be grown. The vines are vigorous in growth and the flowers are produced in the greatest profusion. Pkt. 10c, oz. 15c, 1-4 lb. 40c, lb. \$1.25.

**FIREFLY.** A deep glowing scarlet which never fades and retains its brilliancy a long time. The flowers are large, borne on long stems, 3 to 4 to the stem. Pkt. 5c, oz. 10c, 1-4 lb. 25c, lb. 75c.

## THE SEVEN PACKETS FOR 25 CENTS

**IMPERIAL MIXED.** This mixture includes the above choice named varieties and many others, representing nearly every known shade, which for brilliancy of coloring and size of blooms is unsurpassed by any mixture ever offered before. Pkt. 5c, oz. 10c, 1-4 lb. 25c, lb. 75c.

**GOLD MEDAL MIXED.** A grand collection of varieties including many of the most expensive novelties as well as the new double varieties of late in introduction. This is an assortment that cannot fail to give satisfaction. Pkt. 5c, oz. 10c, 1-4 lb. 25c, lb. 75c.

**CALIFORNIA GIANTS MIXED.** The enormous size of the flowers and freedom with which they are produced as well as the endless display of colors recommend this mixture to all. Pkt. 10c, oz. 15c, 1-4 lb. 40c, lb. \$1.00.

**PARIS PRIZE MIXTURE.** This mixture is made of the best named varieties which were awarded first prize at the great international exhibition in Paris in 1900 and offered for the first time by us last season. The varieties composing this mixture were all produced in America and are the best in the world. Pkt. 5c, oz. 10c, 1-4 lb. 30c, lb. 80c.

## Dwarf or Cupid Varieties.

The introduction of a dwarf growing sort a few years since was an event of much importance to lovers of these most beautiful flowers. Being very dwarf in growth they require no staking, succeed well in open ground or as pot plants, are very prolific bloomers and are valuable alike to the amateur or professional. Pkt. 10c each, or 1 pkt. of each of the 8 varieties for 50c, oz. 15c, 1-4 lb. 40c.

**ALICE ECKFORD.** Silvery, pink and white.

**BEAUTY.** Rose streaked and shaded carmine and white.

**BREATHLESS.** Deep maroon. Very pleasing.

**COUNTESS OF RADNOR.** Light lavender, finer than the tall growing variety.

**FIREFLY.** Bright crimson, distinct and desirable.

**PINK.** Clear bright pink with white wings.

**PRIMROSE.** Light primrose yellow same as tall primrose,

**WHITE.** Pure white, fine for pot culture.

## General List.

This includes all of the varieties we offer except those in the Imperial collection. Price unless otherwise noted. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c. Any 7 pkts. for 25c, any 7 oz. for 50c.

**ADMIRATION.** Delicate rosy lavender.

**ALBA MAGNIFICA.** Pure white, medium size.

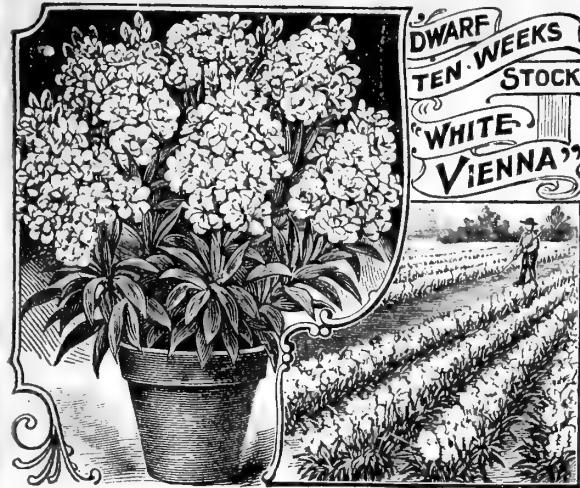
**ALICE ECKFORD.** Pale salmon and white.

**AURORA.** Creamy white striped with orange salmon.



**INDIGO KING.** Maroon purple standard, indigo blue wings.  
**KATHERINE TRACY.** Soft rosy pink, new and desirable.  
**LADY GRISEL HAMILTON.** Pale lavender, very distinct.  
**LADY MARY CURRIE.** Orange pink, bright and beautiful.  
**LADY SKELMERSDALE.** Pale rosy pink, a distinct type.  
**LOTTE ECKFORD.** White shaded blue and mauve, very choice.  
**LOTTE HUTCHINS.** Pale primrose striped pink.  
**LOVELY.** Blush pink and rose.  
**MAID OF HONOR.** Light blue.  
**MODESTY.** Pale blush.  
**MRS. DUGDALE.** Carmine rose.  
**NAVY BLUE.** Deep violet blue.  
**ODDITY.** Pink and rose.  
**ORIENTAL.** Orange pink.  
**OTHELLO.** Deep maroon.  
**OVID.** Deep rose pink.

**PEACH BLOSSOM.** Salmon and pink.  
**PINK FRIAR.** Soft carmine rose.  
**PRIMA DONNA.** Light blush pink.  
**PRINCE EDWARD OF YORK.** Bright scarlet and primrose.  
**PRINCE OF WALES.** Bright pink.  
**QUEEN VICTORIA.** Pale primrose.  
**RAMONA.** Blush and white striped.  
**ROYAL ROBE.** Deep pink.  
**ROYAL ROSE.** Rose and pink.  
**SADIE BURPEE BLACK SEEDED.** Pure white; sometimes delicately shaded pink harder than white seeded.  
**SADIE BURPEE WHITE SEEDED.** The largest pure white sweet pea.  
**SALOPIAN.** Crimson scarlet.  
**SENATOR.** Maroon and white.  
**SENSATION.** Buff and white.  
**SHAZADA.** Rich dark maroon.  
**STELLA MORSE.** Rich cream.  
**THE BRIDE.** Large pure white.  
**VENUS.** Salmon shaded pink.



**CHOICE GERMAN STOCKS.** Annual. The seed we offer is of the choicest German strain and imported by us direct from a leading grower. The plants are of compact habit and produce lovely double flowers of a waxy texture. **Yellow dwarf, white dwarf, crimson dwarf, blue dwarf, rose dwarf, mixed dwarf.** **White Vienna.** (See cut.) A charming dwarf white variety which blossoms very early and is of the most compact habit. **This we believe is far superior to the well-known "Snowflake," as the flowers are much more freely produced and the heads are of the most perfect formation.** **SUNFLOWERS.** Annual. **Silver Leaved.** A beautiful variety with flowers of yellow and black and handsome silvery foliage. **Globosus.** Large double blossoms, of a rich saffron shade. **Giant Russian.** Flowers of enormous size. **Peruvianus.** Richly colored double orange blossoms striped with black. **Stella.** Flowers measure 3 to 4 inches across and are of a rich golden yellow, having black discs. **SWAINSONIA.** Tender perennial. Blossoms resembling sweet peas are produced in sprays containing 15 to 20 flowers each. **Pink, White, Mixed.** Pink and white. **SWEET WILLIAM.** Annual. (*Dianthus Barbatus.*) **Single Varieties.** Crimson, scarlet, white, white margined, mixed, all colors. **Double Varieties.** Crimson, white, mixed. **THUNBERGIA, MIXED.** Annual. A handsome trailing or climbing plant bearing hundreds of flowers of various shades of yellow and white each having a dark center or eye. **VERBENAS.** Early flowering plants may be had by sowing the seed in boxes in the house and transplanting the plants to the open ground as soon as the soil is warm enough. Seed sown in the open garden in May will produce flowering plants by August. The mammoth flowering varieties excel in richness of color and size of blooms anything ever before offered in the line of Verbenas. **Black Beauty.** Blooms of immense size, of darkest purple, with a distinct light blue eye. **Blue Boy.** The plants are of rather upright growth and the flowers are borne abundantly through the summer months. **Lavender Beauty.** Charming large flowers of the most delicate shade of lavender or sky blue, with an almost pure white center. **Primrose.** A peculiar light yellow-colored variety. Blossoms of good size, and freely produced. **Royal Red.** A beautiful red variety, which belongs to the large flowering class. Its mammoth bright blossoms are a constant source of delight to the flower lovers during the summer season.

**WAITZIA.** Annual. An interesting class of everlasting flowers, which bear their blossoms in clusters. **WHITLAVIA.** Annual. Producing drooping clusters of rich dark blue and white bell-shaped blossoms. The foliage is very delicate and adds greatly to the appearance of the plant.

**WILD FLOWER GARDEN FOR THE CHILDREN.** (See cut.) There is

garden that the little ones can call their own, where the daintiest, sweetest flowers, easy of culture, and of rapid growth can be grown for their special enjoyment. Nothing appeals so instantly to a young fancy as bright colors and beauty of form, and the influence on the mind when in its most receptive state, of a constant association with nature and its beauties, will be found to create beneficial impressions lasting a life time. Not only is the love of the beautiful, and the artistic taste aroused,

<b>SALPIGLOSSIS GRANDIFLORA.</b> Annual. Graceful blossoms are borne on long stems, and range in color from the most delicate shades of light blue and straw color to the deepest purple and richest brown and maroon. The quaint, funnel-shaped flowers somewhat resemble those of the Petunia, and are borne in profusion.	<b>Pkt</b>
<b>SALVIA.</b> (Flowering Sage.) A favorite greenhouse and bedding plant, bearing long spikes of flowers in great profusion from July till frost.	<b>.10</b>
<b>Blue Beard.</b> Annual.	<b>.05</b>
<b>Scarlet.</b> Annual.	<b>.05</b>
<b>Splendens.</b> (Scarlet Sage.) Perennial. Beautiful bright scarlet.	<b>.05</b>
<b>SCABIOSA.</b> (Mourning Bride.) Annual. Summer flowering plants producing a profusion of richly colored double flowers of almost every conceivable shade. <b>Dwarf Mixed.</b> <b>Tall Mixed.</b>	<b>.05</b>
<b>Snowball.</b> Many of the pure white blossoms measure 6 to 7 inches in circumference and are perfectly double to the very center.	<b>.10</b>
<b>SCHIZANTHUS.</b> (Butterfly Flower.) Annual. Attractive when well grown, of a branching habit, well covered with peculiar shaped flowers.	<b>.05</b>
<b>SENECIO ELEGANS, MIXED.</b> Annual. The blossoms are of rich shades of purplish crimson, carmine, rose pink, and some are a pure white, very double and beaut fully imbricated.	<b>.05</b>
<b>SILENE, OR CATCH-FLY.</b> Annual. Bright flowering little plants growing about 1 foot high, and producing blossoms of pure white or rose and pink.	<b>.05</b>
<b>SOLANUM CAPSICASTRUM.</b> (Jerusalem Cherry.) Tender perennial. Valuable for either outdoor culture or for growing in pots to be used in the house. The foliage is handsome, contrasting finely with the bright, round, scarlet fruit with which the plant is almost entirely covered.	<b>.10</b>
<b>VERBENA.</b> <b>Mrs. Cleveland.</b> The plants form good, thrifty bushes, and produce great bunches of deep purplish, blue black, white-eyed blossoms from early summer until late in the fall.	<b>.10</b>
<b>Northern Light.</b> The largest white Verbena we know of; flowers borne in great clusters resembling Snowball blossoms.	<b>.10</b>
<b>Scarlet Queen.</b> An intense, bright scarlet shade, richer in color than Royal Red and the plants are equally as strong in growth.	<b>.10</b>
<b>Tiger.</b> Peculiarly striped flowers, which never fail to attract attention.	<b>.10</b>
<b>Odorata.</b> A fragrant German variety. Try this for your flower bed; it is one of the most delightfully-scented flowers ever produced, and a branch of cut blooms will perfume an entire room. The plant is a strong grower, and will bear an abundance of blossoms during the entire summer season. The seed we offer you was obtained by us direct from one of the leading flower seed firms of Europe, and we believe this verbena is one of the choicest flowers that can be grown for bouquets, etc.	<b>.15</b>
<b>Mammoth Mixed.</b> This is a superb mixture, including some of the choicest and largest flowering varieties found in this magnificent class. Many of the single blossoms measure 3 to 4 inches in diameter and are produced in the greatest profusion.	<b>.10</b>
<b>Choice Mixed.</b> Choice mixture of all shades.	<b>.05</b>
<b>WALL FLOWERS.</b> Annual. Single red, single golden, single purple, single brown, single mixed, double yellow, double purple, double brown, double mixed.	<b>.10</b>
<b>WILD CUCUMBER.</b> Annual. For covering porches, trellises or anything where a climber can be used this is certainly the best plant we know of, if you want shade early in the season. It grows to a height of 20 or 30 feet in a remarkably short space of time, and is covered with a profusion of sweet-scented white flowers followed by prickly seed pods.	<b>.05</b>
<b>ZINNIA.</b> Annual. <b>Firebrand.</b> The blossoms are of an immense size, and as double as the Dahlia, while the color is by far the brightest scarlet we have ever seen even in the flower family.	<b>.15</b>
<b>Zebra or Striped.</b> A superb Zinnia, giant in size and perfectly double, handsomely striped and marked with various colors.	<b>.10</b>
<b>Giant Mixed.</b> Mammoth, perfectly double flowers of every shade found in this class of plants, many blossoms measuring 5 inches in diameter. Plants grow about 30 inches high. Our mixture includes all of the various shades of red, rose, yellow, crimson, as well as pure white.	<b>.10</b>
<b>DWARF VARIETIES.</b> Double white, double orange, double canary.	<b>.10</b>
<b>Double Firebrand.</b>	<b>.15</b>
<b>Double Mixed.</b>	<b>.05</b>
<b>TALL VARIETIES.</b> Giant Mixed.	<b>.10</b>
<b>Tall double white, tall double rose, tall double yellow, tall double crimson.</b>	<b>.05</b>
<b>XERANTHEMUM.</b> Annual. The leaves are covered with a silvery down and the blossoms are pure white, purple and yellow, single and double. If for everlasting, they should be gathered before they are fully opened, and dried in the shade when desired for future use.	<b>.05</b>
<b>VINCA.</b> (Periwinkle.) Annual. Handsome, bushy plants, producing very freely round, single flowers 1 to 1 1/2 inches in diameter.	<b>.05</b>
<b>VIOLET ODORATA.</b> (Sweet Violet.) Perennial. This popular sweet-scented flower is easily grown from seed. The flowers are a beautiful blue and highly perfumed.	<b>.05</b>
The flowers are of different shades of gold or orange yellow.	<b>.05</b>
<b>WILDFLOWER GARDEN FOR THE CHILDREN.</b> (See cut.) There is	<b>.05</b>
garden that the little ones can call their own, where the daintiest, sweetest flowers, easy of culture, and of rapid growth can be grown for their special enjoyment. Nothing appeals so instantly to a young fancy as bright colors and beauty of form, and the influence on the mind when in its most receptive state, of a constant association with nature and its beauties, will be found to create beneficial impressions lasting a life time. Not only is the love of the beautiful, and the artistic taste aroused, to work with a noble object when the child is given a personal interest in the cultivation of the garden. With a small expense of loving and thoughtful labor, the Children's garden can be transformed into a delightfully attractive spot, overflowing with charm and fascination in its quaint, exquisite beauty and forming the most instructive of schoolrooms and the happiest of play-grounds. This mixture embraces over 100 sorts of easily-growing flowers most suitable for any bare or unsightly spots in the yard, to sow along fences, on embankments, etc. All the cultivation necessary is some thinning out where the plants are too crowded and to keep the spot clear of weeds. Our packages contain half an ounce of seed.	<b>.10</b>

# GREENHOUSE PLANTS.

As we have the most extensive range of greenhouses in the Northwest, we are in a position to supply our patrons' wants in the plant line as well or better than any other firm in the business. Unlike many seedsmen who catalogue plants and bulbs, we do not have to depend on the open market for them, have them shipped from a distance and then repacked by inexperienced help. On the contrary our plants are taken directly from the pots and shipped the same day, the roots being disturbed as little as possible, and not allowed to dry out.

We have given the packing of plants our careful attention and study for years and are constantly improving on our methods, until we have no hesitancy in saying that our methods of packing and shipping plants are the **best in the world**.

In compiling this list we have selected the old favorite varieties which every plant lover knows and prizes, and as many of the new varieties of special merit as we can conscientiously recommend to our customers. We prefer to sell our goods on their merits and retain the good will and patronage of our customers, rather than excite their curiosity and induce them to spend their money for flashy novelties of questionable merit.

In many cases and during certain seasons we have larger plants than we offer herewith. Prices on these larger plants will be cheerfully quoted on application.

Our plants and roses are grown by the famous "cold system" which insure extra strong, thrifty stock, far superior to that sent out by some firms, who force their plants in overheated houses until they are utterly worthless.

Many customers order plants at the same time they order seeds. All such plant orders will be filled as soon as possible after we receive them, weather permitting, unless the customer orders otherwise. All plant orders are filled at our greenhouses and will be mailed separately from the seeds.

**Important.** Plants sent by mail have but little soil left on the roots and should receive careful attention on their arrival. If they appear wilted, place them in lukewarm water for 15 or 20 minutes. This will greatly revive them. They are packed by experienced men and are guaranteed to reach our customers in the United States in a perfectly healthy, living condition. If they do not, and we are notified immediately on their arrival, we will replace free of charge any that fail to grow or do not show signs of life on arrival. After arrival at destination in good condition our responsibility ceases. All plants will be sent by mail, postpaid, unless otherwise noted in our catalogue or customer instructs otherwise. If sent by express the customer will pay express charges. Please note that we guarantee the safe arrival of all plants sent by mail to any point in the United States, provided the above conditions are complied with by the customer.

## Discount on Plant Orders

Below we give a discount on plant orders, amounting to \$1.00 and over:

For \$1.00 cash, select plants to the value of \$1.15
" 2.00 " " " " 2.30
" 3.00 " " " " 3.50
" 4.00 " " " " 4.75
" 5.00 " " " " 6.00

Orders over \$6.00, for each dollar's worth 25c additional.

These discounts do not apply to the low rate and special collections, as the prices for them are already as low as good stock can be sold for.

**PLANTS BY EXPRESS**—While plants can be safely sent by mail and our guaranteed accompanies all such shipments, we would advise all customers ordering plants to have them sent by express. The cost is a trifle more but our patrons are amply repaid by receiving larger and stronger plants, and we always include extras more than sufficient to cover express charges.

With all orders for plants we send free our booklet—**The A B C's of Successful Floriculture**, written especially for us by **Eben E. Rexford**, of the Ladies' Home Journal, containing many valuable hints on the care and culture of house plants, and answering many difficult questions which arise daily.

**ABUTILONS.** (Flowering Maple.) Very showy, decorative, free growing, soft wooded shrubs, having leaves similar to the maple, with graceful bell shaped flowers. They succeed best in a soil composed of equal parts of turfy loam, peat, leaf mould and some gritty sand. They require an abundance of water.

### Eclipse or Leopard.

Foliation striped and mottled with yellow and green. Flowers orange with crimson throat. 10c each.

### Enfant Eulalie.

Striking and beautiful of any variety, being extra large, perfect form and a clear satiny pink. Plant a vigorous grower and smothered in bloom throughout the year. 15c each.

### Golden Bells.

Blooms a deep rich golden yellow. A very free flowering sort. 10c each.

**Savitzii.** Large deep green foliage with a broad white margin, not unlike the silverleaf Geraniums. Plant of dwarf, compact growth, thriving well outdoors and retaining its beautiful variegation in the hottest sun. 15c each.

### Souv De Bonn.

(See cut.) The most attractive of all the Abutilons, having dense green maple shaped leaves, distinctly bordered creamy white. The flowers are bright orange veined with crimson. Valuable for edges of beds and equally nice for pot plants. 15c each.

**SPECIAL OFFER NO. 75.** One each of the above 8 beautiful Abutilons for 80c postpaid.



### Antigonon Leptopus The Wonderful Mountain Rose.

This is one of the most remarkable climbing vines we have ever grown. It is a most rapid grower, a most profuse bloomer, and trained on a trellis or veranda affords an abundance of shade during the hot summer months. The blossoms are most beautiful, being of a rich earining scarlet shade, and borne in immense clusters the entire length of the vine. The leaves are large and handsome, and the whole plant presents a most pleasing appearance. It is just the plant for people who wish something showy and attractive, that will grow and blossom quickly. We cannot recommend it too highly and are sure it will please. 15c each.

### Acalypha Sanderi.

(Chenille Plant.) (See cut.) Heretofore we have recommended this beautiful plant for pot culture only, but our experience of the past season shows it is admirably adapted for bedding out. It is of easy and rapid growth and **blooms continuously**. The plant is of branching habit, healthy foliage and the flowers are most remarkable. The flower spikes which appear in pairs from the axils of the leaves, grow from two to three feet in length. They are of bright crimson color, drooping and mixing among the green foliage with charming effect. For bright and curious effect it has no equal. Wherever the plant has been exhibited in this country and in Europe it has attracted universal attention and admiration. Our illustration is very true, though no picture can do justice to the elegance and beauty of this wonderful plant. It grows as easily as a coleus, only requiring a warm moist atmosphere to develop its wonderful beauty. 25c each.

### Acalypha Triumphans.

This is one of the most beautiful foliage plants we have ever seen. It is a strong, healthy grower and makes a compact plant of splendid dimensions. The foliage is large, very heavy and showy beyond description. The predominant color is red, marbled lighter and darker, streaked and dashed green, yellow, white and other colors, giving a most striking effect to be had in no other plant. 20c each.

### Splendens.

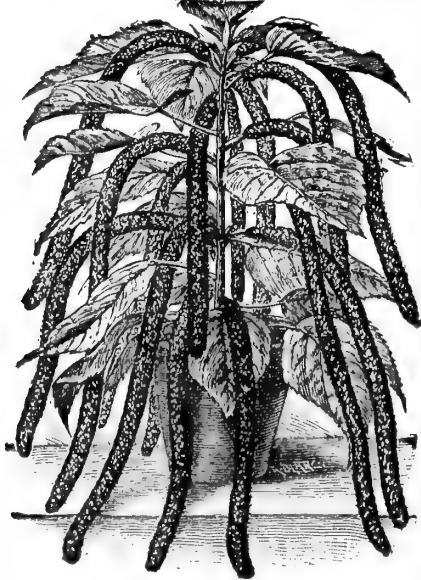
A beautiful deep red variety. A profuse and continuous bloomer. 10c each.

### Thompsoni Plena.

Golden spotted leaves. Double orange colored blossoms. Very distinct and pretty. 15c each.

### Snowball.

A very beautiful pure white variety. Flowers large and attractive. 10c each.



ACALYPHA SANDERI.



ABUTILON SOUV DE BONN.

**ALLAMANDA WILLIAMSII.**

colored tassel-like blossoms, borne on long stems well above the foliage. A beautiful plant whether in bloom or not.

**Ageratum, Stella Gurney.** This is the very finest variety of this valuable bedding plant ever introduced. It is of dwarf, compact, even habit of growth, flowering very profusely the entire season, forming a round bushy head of fine deep blue, a shade not approached in any other bedding plant. For winter blooming in the house or conservatory it is equally good. A decided acquisition to our list of blue flowers. **15c each, \$1.50 per doz., \$6.00 per 100 by express.**

**Achyranthus.** Dwarf growing foliage plants, valuable on account of their beautiful colored leaves. They are most effective when massed on the lawn or used with coleus. Color, a deep blood red. **10c, each, 75c, per doz., \$5.00 per 100, by express.**

**Alternanthera.** Popular dwarf growing foliage plants, valuable for carpet bedding or lettering on the lawn. **10c, each, 75c per doz., \$5.00 per 100 by express.**

**PARNYCHI DES**—Deep orange red, shaded with olive green.

**AUREA**—Bright golden yellow.

**Albizzia Julibrissin (ROSE ACACIA).**

A late introduction from Persia, somewhat resembling Bottle Brush. Produces clusters of rose-colored flowers three or four inches in diameter. A beautiful plant whether in bloom or not.

**25c each.**

**Allamanda Williamsi.** (See cut.) A very distinct pot plant of recent introduction, forming a compact bush of dark green foliage which is profusely covered with trusses of large golden yellow, deliciously scented flowers three or four inches in diameter. It blooms throughout the summer and oftentimes in the winter. Of vigorous growth and easily cultivated.

**25c each.**

**Alyssum, Sweet.** Dwarf growing plants suitable for borders, baskets, rock work, etc., and equally good for pot culture. **10c each, 75c per doz., \$5.00 per 100, by express.**

**Aster Plants.** Grown from the best selected seed and ready for shipment about May 1st. Colors, white, pink, blue and red. Strong seedlings. Price **50c per doz.** Pot plants ready June 1st. **10c each, \$1.00 per doz., \$5.00 per 100, by express.**

**Bougainvillea Sanderiana.** (See cut.) (Chinese Paper Plant.) A remarkably free-blooming plant; one of the most brilliant and useful varieties ever introduced. As a pot plant it is magnificent, a strong, vigorous grower with splendid, Camelia-like foliage—deep shining green. Plants commence to bloom in small pots and continue throughout the year; as the plant grows older it is literally covered with an amazing number of blossoms. It produces its flowers as freely as a Fuchsia. In color they are dazzling, rosy crimson, with deep golden-yellow anthers. They last long in perfection. Planted in pots and trained over a trellis, a large plant of this superb novelty presents one of the most beautiful sights imaginable. Of the easiest culture, it cannot fail to give absolute satisfaction.

**25c each.**

**Browallia Gigantea, OR ORANGE TREE VIOLET.** (See cut.) A charming new flowering plant that may be put to many useful purposes.

The plant is a strong, compact, bushy grower, producing a profusion of florets about one to one and one half inches in diameter, of an intense indigo-blue, fully as intense as the Marie Louise or California violet. It bids fair to supplant the lobelia as a bedding plant, is valuable for cut flowers, as it is never out of flower and may be grown as a flowering plant for Easter. Flowers may be used with violets in design work as the colors are identical.

**25c each.**

**Browallia Jamesoni, OR ORANGE VIOLET.** This is an old but neglected plant,

forming compact bushy heads, which, when the plants are in bloom, are covered with large violet shaped flowers of a bright orange color, giving it a rich golden appearance.

It blooms as soon as rooted and almost perpetually afterwards.

**25c each.**

**Brugmansia.** (See cut.) One of the most beautiful plants of recent introduction. The flowers are drooping, bell-shaped, of immense size, many of them being a

foot and over in length and eight to ten inches in diameter. The color is creamy white, and it is

very fragrant. A robust grower and a very free bloomer, it being no uncommon sight to see 20

to 30 of these immense blooms open at the same time. The bush attains a height of from three

to five feet, can be grown outside in summer or indoors in winter. As it is quite tender

care must be taken to remove it indoors as soon as frost appears.

**20c, each.**

## BEDDING PLANTS.

Condensed list of plants for shipment in May for planting in beds on the lawn. Prices named are for plants to be sent by express at customer's expense.

All plants in this list will be large size for immediate effect and must not be confounded with the smaller ones sent by mail.

**Ageratum, blue, per doz., \$1.00, per 100 \$6.00.**

**Alyssum, white, per doz., 75c, per 100, \$5.00.**

**Alternantheras, red and yellow, per doz., 75c, per 100, \$5.00.**

**Achyranthus, per doz., 75c, per 100 \$5.00.**

**Begonia Vernon, per doz., \$1.00, per 100 \$7.50.**

**Caladium, Esculentum, per doz., \$2.00, per 100, \$12.00.**

**Coleus, per doz., 75c, per 100, \$5.00.**

**Cineraria Maritima, Dusty Miller, per doz., 75c, per 100, \$5.00.**

**Cannas, our selection, 12-15 in. high, per doz., \$2.00, per 100, \$15.00.**

**Carnations, per doz., \$1.00, per 100, \$6.**

**Geraniums, our selection from 4-in pots per doz., \$1.50, per 100, \$12.00.**

**Heliotrope, per doz., \$1.00, per 100 \$6.00.**

**Lantanas, per doz., \$1.00, per 100, \$6.00.**

**Lobelia, per doz., 50c, per 100 \$3.00.**

**Pansies, per doz., 50c, per 100, \$3.00.**

**Roses, from 4-in pots, per doz., \$2.50, per 100, \$20.00.**

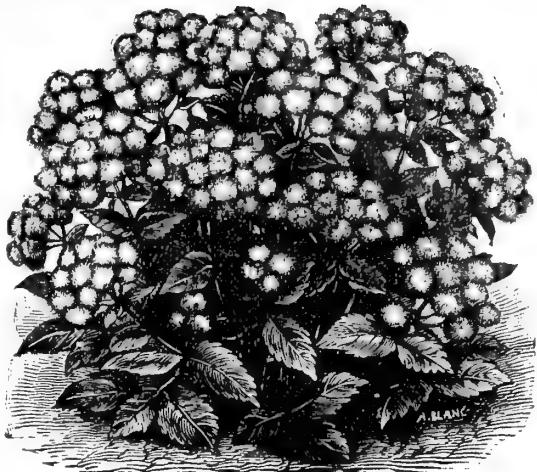
**Roses, from 2-in pots, per doz., \$1.00 per 100, \$6.00.**

**Petunias, Single, per doz., \$1.00 per 100, \$6.00.**

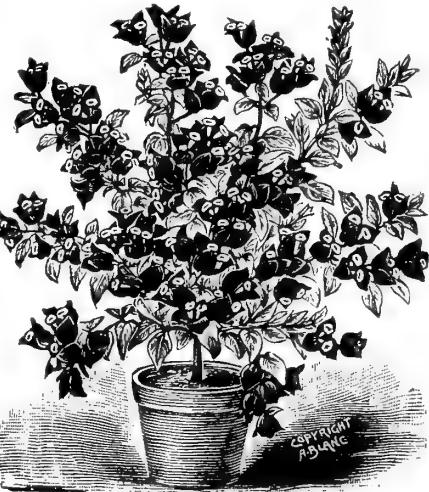
**Petunias, Double, per doz., \$1.50, per 100, \$10.00.**

**Verbenas, per doz., \$1.00, per 100 \$6.00.**

**Acalypha Triumphans, per doz., \$1.50, per 100, \$10.00.**

**BROWALLIA GIGANTEA.****AGERATUM, STELLA GURNEY.**

which is profusely covered with trusses of flowers throughout the summer and oftentimes in the winter.

**BOUGAINVILLEA SANDERIANA.****THE TRUE BRUGMANSIA.**



BEGONIA—METALLICA.

**Incarnata.** Dark green leaves spotted white.

**Marguerite.** Handsome bronzy green leaves. 10c each.

**M. De Lesseps.** Strong growing, free flowering variety. Leaves green, of a peculiar silky texture, richly spotted with silver. Flowers white and rosy pink. 10c each.

**Metallica.** (See cut.) A most charming variety in every particular and the very best we have ever grown. It is a strong, rampant grower and a wonderfully free bloomer. The leaves are triangular shaped the under side hairy, the upper surface of a lustrous metallic or bronze color, veined darker. The flowers are nearly pure white. A most excellent pot plant. 15c each.

**Otto Hacker.** A strong vigorous grower of fine upright habit, with large, shining, deep green leaves 8 to 10 inches long. Flowers bright, coral red, borne in immense clusters 8 to 10 inches across. 15c each.

**Paul Bruant.** Leaves of deep olive green, of heavy texture. Flowers delicate rose, changing to white, produced very freely on long graceful stems. 15c each.

**Pres. Carnot.** A strong growing variety, of stiff upright habit. Foliage immense, similar to Rubra, but more than twice as large. Flowers coral red, produced in large pendant panicles. 15c each.

**Rubra.** An old and very popular variety. A rapid and vigorous grower, with deep green leaves and coral red blossoms. 10c each.

**Thurstoni.** Pink flowers and metallic foliage. A very choice and beautiful variety. 10c each.

**Vernon.** A new dwarf variety of recent introduction, especially valuable for bedding. The foliage is a rich, glossy green edged with red. The flowers when first opened are a deep red, which changes to a clear rose color when fully expanded. 10c each: \$6.00 per 100 by express.

**SPECIAL OFFER NO. 76.** One each of the above 15 beautiful Begonias for \$1.50.



CARYOPTERIS MASTACANTHUS.

A beautiful Chinese plant of recent introduction. A vigorous healthy grower, producing charming feathery flowers of a bluish lavender color in great profusion. The bloom remains fresh for several days after being cut. It thrives equally well in the open ground, being perfectly hardy, or as a pot plant for house culture. 15c each.

**Chinese Lantern Plant.** (See cut.) A decided novelty in the plant line. Treated like a tomato it grows and fruits freely from the seed the first season; yet the plants are perennial and may be wintered in the cellar or grown in pots as a window plant. The plant produces numerous large inflated husks, much the shape of Chinese lanterns, at first a beautiful green color, changing to a yellowish hue and then to brightest scarlet, and as they hang suspended among the green foliage they present a most novel and strikingly beautiful appearance. In these husks or "lanterns" a fruit is borne much like a winter cherry or hulk tomato. The plant grows from 1 1/2 to 2 feet in height. 15c each.

## Flowering Begonias.

Among the most popular and most satisfactory house plants grown. They may be cultivated successfully most anywhere, are ornamental on account of their clean shining foliage and their bright waxy flowers. The varieties we offer have proven most satisfactory after many years trial, and we recommend them all to our customers.

**Alba picta.** Large glossy green leaves, thickly spotted with silvery white. Blossoms pure white. 10c each.

**Apple Blossom.** A dwarf growing, free flowering variety with beautiful pinkish white blossoms. 10c each.

**Dewdrop.** A dwarf variety, of compact habit of growth, producing clusters of satiny white flowers, which in warm weather change to a delicate shell pink. Very fine for both winter and summer blooming. 10c each.

**Diadema.** A beautiful variety, with large deeply cut foliage; rich olive green with silvery dots and veins. 10c each.

**Glorie De Sceaux.** Large lustrous dark green leaves tinged red. Flowers bright pink; a very free bloomer. 15c each.

Flowers bright showy pink borne on long stems well above the foliage. 10c each.

Blossoms rose colored, freely produced the entire year. Plant of dwarf compact growth.



REX BEGONIA.

Copyright A. B. Hale 1887

## CARNATIONS.

The great improvement, made in this class of plants the past ten years has been more marked than in any other. The old "Pinks" with small, dwarfish blooms, borne on weak, drooping stems, have been supplanted by a class of carnations of sturdy, robust habit of growth, bearing flowers from 2 to 4 inches in diameter on strong, stiff, wiry stems, 18 to 36 inches long. We have discarded many of the old varieties which were once considered favorites, and offer only meritorious varieties of recent introduction. Unless otherwise noted 15c each; \$1.50 per doz.; \$8.00 per 100 by express. We can supply strong field-grown plants in September at 30c each, postpaid or \$2.50 per dozen by express.

**America.** Pure scarlet of soft shade. Flowers of large size, filled but not crowded with petals. Strong stems 20 to 24 inches long. An early and continuous bloomer.

**Armazindy.** Pure white, lightly penciled scarlet. Blooms of good size and fine form on stiff stems 12 to 15 inches long. Plant very vigorous and a profuse bloomer.

**G. H. Crane.** Regarded by many growers as the best scarlet ever introduced. The plant is strong, vigorous and healthy. The bloom is full and double, of large size, finely fringed and delicately perfumed. The color is rich, clear, brilliant crimson.

**Ethel Crocker.** This grand and valuable variety originated in California and is the most profitable sort for the grower ever introduced. The plant is strong, vigorous and healthy, and the most prolific in flowers of any variety we have ever tested, averaging 3 to 4 inches in diameter are borne on strong stiff stems.

**Daybreak.** More widely known than any other carnation.

Blooms large size, and of a delicate pink tint.

**Flora Hill.** Bloom of large size

and rather flat; pure

white. A very free bloomer.

**General Maceo.**

Ground color deep brilliant

scarlet, overlaid with maroon,

making one of the darkest and

richest Carnations yet seen;

fully as rich and striking as the

Meteor Rose. Flowers large;

under extra culture blooms

have been produced 3 inches

across on stems 20 inches long;

a vigorous grower, and a most

profuse bloomer.

**Genevieve Lord.**

A bright, clear, exquisite shade

of soft pink. Large blooms,

and a healthy grower. A superb

variety.

**The Marquis.** The

plant

is ideal in growth being vigor-

ous and healthy and forming

nice, round, bushy heads. It is

a continuous bloomer, every

flower being perfect. The stems

are long and graceful, and the

blossoms, which are of the

largest size, are pure bright

pink with no tracing of

magenta or purple. An ideal plant

and flower in every particular.

**Melba.** An early, free and

continuous bloomer,

one of the finest pinks we

have ever seen. Large blooms

of perfect form, very fragrant,

borne on stiff stems.

**Morning Glory.** The

best of the light pinks. Color,

a delicate orange rose pink. A

strong grower and free bloomer.

**Mrs. G. M. Bradt.** We consider this the best variegated variety ever introduced. The plant is a strong, vigorous grower and an early and continuous bloomer. The flowers are of the largest size, individual blooms measuring 3 to 4 inches in diameter. Color, clear white, heavily splashed and streaked with red. 20c each.

**White Cloud.** (See cut.) A most beautiful variety of recent introduction, which we consider the best white grown. The plant is clean, healthy and vigorous. The blossoms are extra large, of superb form and texture borne on strong, stiff stems and retain their form and freshness a long time after being cut and placed in water. 20c each.

**Cissus Discolor.** (Chameleon Vine—See cut.) A beautiful and luxuriant climber, with sharp pointed, heart-shaped leaves, the upper surface of a dark, velvety green, with broad markings of white following the veins, the under surface of a deep reddish purple. 20c each.

**Coronilla Glaucia.** (See cut.) A thrifty, rapid growing, bushy little plant, bearing an abundance of fragrant pea-shaped yellow flowers. Equally suitable for either summer or winter blooming. 15c each.

**Fabriana Imbricata.** A small pot plant, with cedar-like foliage, which in the spring produces an abundance of charming, pure white tubular blossoms. 15c each.



**Cissus Discolor. (Chameleon Vine.)**

tested; it is never out of bloom. The flowers and fragrance are of a beautiful shade of pink.

**Daybreak.** More widely known than any other carnation.

Blooms large size, and of a delicate pink tint.

**Flora Hill.** Bloom of large size

and rather flat; pure

white. A very free bloomer.

**General Maceo.**

Ground color deep brilliant

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Equally suitable for either summer

or winter blooming. 15c each.

**Fabriana Imbricata.** A small pot plant, with cedar-like

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duces an abundance of charming, pure white tubular blossoms. 15c each.



**Clerodendron Balfouri.**

(See cut.)

A superb house climber that has become very popular within the last two years, and is now in great demand. It grows very rapidly and to almost any height and may be trained in any desired shape. The flowers are produced in great abundance, and, as shown in the illustration, are of a drooping habit, slightly resembling the blossoms of a Fuchsia. Color, white and scarlet. It makes a beautiful display when trained on a trellis among plants in the window garden. We would strongly urge all our friends who want a fine house climber to order this Clerodendron. 15c each.

## Cobea Scandens.

Rapid growing, tender climbers with immense bell-shaped blossoms, which are produced freely the entire season. Valuable for trellises, etc. 15c each.

## Cuphea Eminens

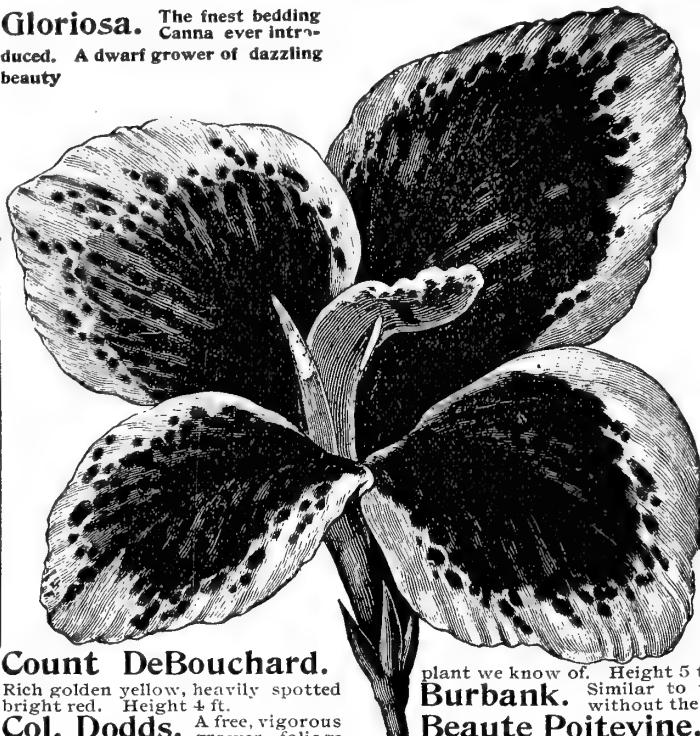
**CIGAR PLANT.** (See cut.) A charming plant which grows rapidly to a height of fifteen or eighteen inches, bearing a mass of scarlet flowers tipped with gold and green. Valuable for pot or open garden culture and especially desirable on account of its healthy habit. 15c each.

**Dracena Indivisa.** A very beautiful decorative plant with long, slender, graceful, drooping leaves. It is a rapid grower, adapted to pot culture in the house and very fine for centers of vases, rustic boxes etc., on the lawn. Strong plants, 15 to 18 inches tall, by express, \$1.00.



**CUPHEA EMINENS.**

**Gloriosa.** The finest bedding Canna ever introduced. A dwarf grower of dazzling beauty.



**Count DeBouchard.**

Rich golden yellow, heavily spotted bright red. Height 4 ft.

**Col. Dodds.** A free, vigorous grower, foliage deep green veined and lightly marbled chocolate. Flowers, rich, velvety red. Height 4 ft.

**Chas. Henderson.** One of the most popular varieties in cultivation. Flowers a clear, bright crimson. An excellent bedding sort. Height 3½ ft.

**Egandise.** A fine dark foliage variety with blossoms of a soft currant red. Height 4 ft.

**Eldorado.** A fine compact grower an exceedingly free bloomer. Color, yellow slightly flecked with crimson, One of the very best yellows in cultivation. Height 3½ ft.

**Florence Vaughan.** Another yellow shaded variety of exquisite beauty. The blooms are large, yellow heavily splashed with red. They never fade and remain on the stalk a long time. Height 4 to 5 ft.

**Gloriosa.** (See cut.) A very fine dwarf growing, large flowering variety. The petals are a rich glowing scarlet crimson, distinctly marked with a broad band of golden yellow around the outer edges. It is particularly adapted to plant as a border around the beds of taller sorts, as well as for pot culture. Height 18 to 24 inches. 20c each.

**Italia.** The coloring of this giant orchid variety is most gorgeous. It is a rich golden yellow, heavily splashed and spotted with bright reddish crimson. The plant is an extra strong grower, and the blooms of an immense size. Height 5 ft. 20c each.

**L. E. Bailey.** Light canary yellow, spotted orange. Height 5 ft.

**Mlle. Berat.** The nearest approach to a clear, rich pink yet introduced. A very soft shade of rosy carmine. Height 4 ft., 20c each.

**Mad Crozy.** The blossoms of this well known and popular variety are of a dazzling crimson scarlet, bordered with golden yellow. Plant of vigorous growth but rather dwarf in habit. Height 3½ ft.

**Papa.** Another valuable, dwarf growing variety; forming compact, symmetrical plants and bearing immense trusses of pure red blossoms. Height 4 ft.

**Paul Bruant.** intense orange scarlet with peculiar satiny surface, foliage dark green. Height 4½ ft.

**Paul Marquant.** One of the most pleasing and beautiful on account of its large size and distinct color, which is a beautiful shade of bright salmon with carmine tint. Height 4 ft.



## CANNAS.

No class of plants ever offered has grown in popularity like these. They are very effective for bedding on the lawn, and equally good when grown as pot plants in the house or conservatory. They commence blooming soon after being planted out, and flower profusely until stopped by frost. When well ripened by frost the bulbs should be carefully dug and dried and stored in a dry place in a temperature of 50 to 60 degrees. They multiply very rapidly, and can be kept for years by observing the directions given. They require a deep soil, enriched with well rotted manure, and should be watered freely. Our list embraces the best of the novelties and old standard varieties, every one of which we recommend to our customers.

Price, unless otherwise noted, 10c each, \$1.50 per doz., postpaid; by express, \$8.00 per 100.

Varieties quoted at 20c each, \$2.00 per doz., postpaid; by express, \$10.00 per 100.

Varieties quoted at 25c each, \$2.50 per doz., postpaid; by express, \$12.00 per 100.

Varieties quoted at 30c each, \$3.00 per doz., postpaid; by express, \$15.00 per 100.

**Alba Rosea Grandiflora.** The base of the petals is rich, deep rose, tinted upwards through light rose into flesh pink, until the color merges into creamy white. Height 6 ft. 25c each.

**Alphonse Bouvier.** A tall vigorous grower. Color, rich deep, velvety crimson. Height 5 ft.

**Admiral Dewey.** One of the most charming varieties ever introduced. It is a medium strong grower, forming a compact bushy plant. The flowers are borne well above the foliage, are of firm texture and lasting quality, height 4 ft. The color is a rich crimson. 25c each.

**Austria.** One of the new orchid flowering varieties. The blooms are extra large, a fine canary yellow, with a few traces of reddish brown on center petals.

**Black Beauty.** A most beautiful foliage variety. It is a strong robust grower and the leaves are a deep, bronzy wine red, almost black. It is the finest foliage

to the Austria, but of more compact habit of growth, pure yellow reddish tinge on petals. Height 5 ft.

Bright rich crimson. Spikes strong and erect. A fine bedding. Height 4 to 5 ft.

**Progression.** Deep golden yellow, heavily spotted and splashed crimson. A most vigorous grower. Height 5 ft.

**Queen Charlotte.** Bright orange scarlet, deeply edged with bright canary yellow. Flowers very large, well rounded petals borne in immense heads well above the foliage. Height 3½ ft.

**Rose Unique.** A vigorous grower. Blossoms rosy pink. Height 5 ft.

**Robusta.** Valuable for its foliage which is a beautiful dark brown. A tall and vigorous grower. Height 7 to 8 ft.

**Sophia Buchner.** Very large flowers on stiff erect stems. Color deep crimson with vermillion shading. Height 5 ft.

**EXTRA STRONG PLANTS.** We can supply strong pot grown plants 12 to 15 inches high, for shipment May 15, customers choice of colors, but our selection of varieties. These are fine for immediate effect on the lawn, as many of them will be ready to flower or in blossom when shipped. Price \$2.00 per dozen, or \$15.00 per hundred by express at purchaser's expense.

### CANNA BED COLLECTIONS.

#### COLLECTION NO. 1. FOR A BED 6 FEET IN DIAMETER.

1 Austria.....	15c	15 plants
4 Chas. Henderson.....	60c	for \$2.50 postpaid,
10 Gloriosa.....	\$2.00	or \$2.00 by express.

#### COLLECTION NO. 2. FOR A BED 9 FEET IN DIAMETER.

1 Alba Rosea.....	25c	33 plants
6 Count De Bouchard.....	90c	for \$4.00 post-
10 Mad Crozy.....	\$1.25	paid, or \$3.50
10 Queen Charlotte.....	\$2.00	by express.

#### COLLECTION NO. 3. FOR A BED 12 FEET IN DIAMETER.

3 Robusta.....	45c	51 choice plants
8 Burbank.....	\$1.00	for \$6.75 post-
15 Alphonse Bouvier.....	\$1.88	paid, or \$6.25
25 Gloriosa.....	\$4.00	by express.

This will make you a glorious bed of dazzling beauty throughout the entire season.

## CALADIUM ESCULENTUM, OR ELEPHANT'S EAR. (See cut.)

A well known tropical plant bearing immense leaves of thick leathery substance. For large beds on the lawn or as single specimen plants, nothing is more beautiful or striking in appearance. Good sized bulbs, 25c each. Extra large, 50c each.

## Carmine Fountain.

(See cut.) A plant of exceedingly striking beauty of foliage, flowers and habit of growth. It grows in tree form with pendant foliage from which it throws beautiful long tassels or trumpet shaped carmine flowers 18 to 20 inches in length. 15c each.



CALADIUM ESCULENTUM.

## CHRYSANTHEMUMS.

These popular, fall-blooming plants are now so well known, and universally grown, that any extended description seems unnecessary. They thrive in almost any rich garden soil, are easily cultivated, and will repay the care and attention given them with an abundance of bloom. Very few, if any, of the varieties can be brought to perfection in the gardens of the North, and made to bloom before frost comes. If planted in pots or tubs, set out of doors in a cool, shady situation during the summer, and brought into the house in the early fall, they should do well and thrive for any amateur. By pinching off the buds, as they begin to set, allowing only one to each branch, the flowers will be much larger and finer than if all buds are allowed to mature. Liquid manure applied in moderate quantities during the budding season is beneficial. The varieties we offer have been selected from among the hundreds introduced the past few years, and are considered the cream of the list to date. We recommend all of them to our patrons. Prices, unless otherwise noted, 10c each, \$1.00 per doz. Special quotations made on large lots to parties desirous of growing them for flower shows. Small plants cannot be supplied after August 1st. We can supply large plants of the leading sorts for fall blooming after September 1st at 50c to \$1.00 each by express.

### TWENTIETH CENTURY COLLECTION.

We offer the following six varieties, considered the very best for amateur cultivation, for 50c postpaid.

**Autumn Glory.** The color is unlike that of any other variety grown. The flower when opening is a deep rich reddish salmon shade, but gradually changes into a soft pink when fully expanded.

**Ivory.** An old standard variety, and still considered one of the best; color pure white.

**Major Bonaffon.** A grand mid-season variety; blooms large, compact and globular. Color, pure yellow.

**Mrs. Perrin.** A good, strong, bushy grower, incurved, compact, globular bloom of good substance and lasting qualities; color pure pink.

**Golden Wedding.** For general cultivation this is undoubtedly the best yellow introduced to date. A strong, erect, vigorous grower, producing blooms of the largest size of a clear golden color.

**John Shrimpton.** Bright velvety crimson scarlet, of fine form.

### EARLY FLOWERING COLLECTION.

The varieties in this collection are all very early flowering that should perfect their blossoms in the open ground, even in the northern states. They are the cream of the early flowering sorts, and are selected from a list of nearly one hundred varieties.

**Mrs. F. Bergman.** Very early; large creamy white.

**Lady Fitzwygram.** A grand early white variety.

**Yellow Queen.** Extra large, bright yellow; very early.

**Mrs. J. G. Whildin.** One of the very best early yellows.

The above collection of 4 early flowering sorts for 35c postpaid.

### GENERAL LIST.

**Australian Gold.** Large flowering golden yellow.

**Domination.** Pure white, reflexed petals. A strong grower, the flower an excellent keeper. A good mid-season variety.

**Golden Wedding.** Rich golden yellow blooms 10 to 12 inches in diameter.

**Kate Leach.** A mid-season pink; large and beautiful.

**Maud Dean.** Medium sized blooms; broad incurved petals; late.

**Mrs. C. H. Pierce.** Soft deep yellow.

**Mrs. Henry Robinson.** Pure white; strong stiff stems, beautifully incurved blooms of the largest size; mid-season.

**Mrs. Jerome Jones.** Large creamy white, tinted light pink.

**Mrs. H. Weeks.** An immense globular blossom of pure white; petals very large and of thick, leathery substance; late.

**Niveus.** Snowy white, very large blossom.

**Pennsylvania.** Similar in form to Philadelphia, but of a rich bright yellow color.

**Philadelphia.** Blooms of immense size, of a lemon yellow color; petals large, of firm texture, incurved, forming a large ball of most exquisite form and coloring; mid-season.

**Pink Ivory.** In form and size like the

Ivory; in color a beautiful shell pink.

**Rose Owen.**

Medium size, incurved, blooms of purest pink; early.

**S. T. Murdoch.** Light rose or pink; extra good; mid-season.

**The Harriett.** Deep pink, dwarf habit.



### Vivian Morel.

Beautiful large, pink, incurved petals. Blooms of good substance, lasting a long time.

### W. H. Chadwick.

Blooms of immense size, pure waxy white.

### W. H. Raymond.

A popular late yellow. Bloom very large.

### Yanoma.

Very late; medium size blooms. Pure white reflexed petals.

### Yellow Monarch.

Early, very large, incurved, pure yellow.

### Callas, LITTLE GEM.

(See cut.) A dwarf growing variety similar to the old common white sort except in size. A very pretty and ornamental house plant. 15c each.

### SPOTTED LEAF.

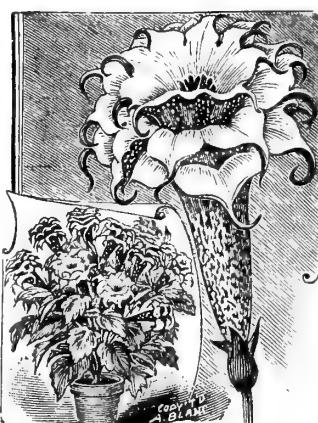
Dark green leaves beautifully spotted with white. The flowers are white with a purple throat. 25c each.

### BLACK CALLA.

(See cut.) A remarkable variety producing velvety black blooms, with coal black spathe. Foliage large and vigorous. 30c each.

### WHITE CALLA.

The old, well known variety. 20c each.



The above set of 4 Callas for 75c postpaid.

### Datura Cornucopia.

produces immense trumpet shaped flowers measuring from 7 to 9 in. in length and from 4 to 6 in. diameter. The inside is a delicate white, the outside purple. The flowers are very fragrant and produced in great abundance. This forms a very compact, bushy pot plant, often measuring several feet in diameter. 20c each, 3 for 50c.

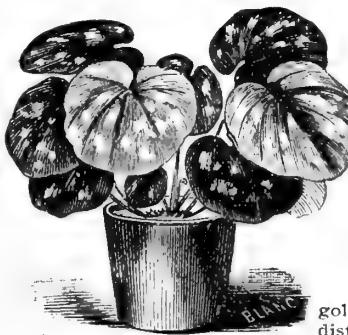
### FARFUGIUM GRANDE.

(See cut — Leopard Plant.) A valuable ornamental foliage plant with clear, bright green leaves, heavily blotched and spotted with golden yellow. Very distinct and attractive. 25c each.

(See cut — Horn of plenty.) This plant, a native of South America



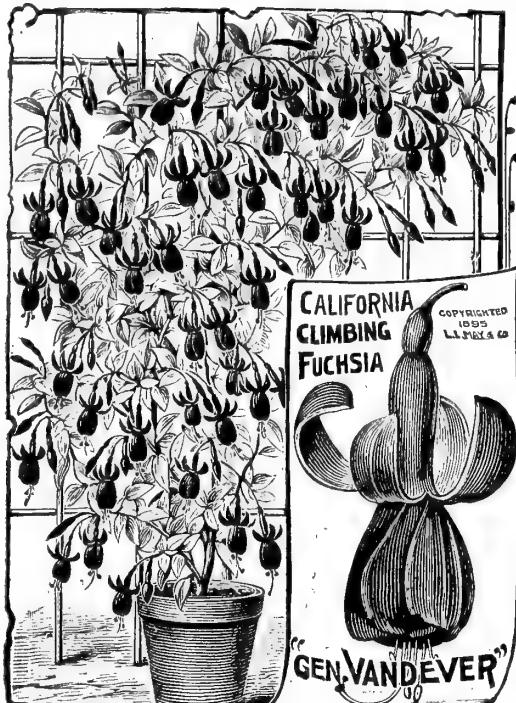
CALLA, LITTLE GEM.



FARFUGIUM GRANDE.



BLACK CALLA.



**Phenomenal.** Corolla azure-violet. Bloom of enormous size very double and wide; a grand variety.

**Prince Napoleon.** double purple blossoms. Very distinct and fine.

**Speciosa.** Blooms extra long, corolla crimson, tube and sepals blush pink.

**Splendens.** Single purple blossoms of medium size. Plant rather compact and bushy in habit.

**Trailing Queen.** A choice variety of trailing or drooping habit. A very novel and striking variety.

**DAHLIAS.** Separate colors. White, yellow, pink red, variegated. 10c each, \$1.00 per dozen.

**Double Large Flowering Varieties.** 15c each, \$1.50 per dozen.

**Beauty**—Pure white, fine large flower. **Frank Smith**—Bright red. **Duke of Edinburg**—Canary yellow. **Hector**—Orange scarlet. **Marguerite**—Deep rose, very free flowering.

**Pompon Varieties.** 15c each, \$1.50 per dozen. **Dr. Webb**—Small, rich scarlet. **Fashion**—Pale orange, fine. **Lurie**—Canary yellow. **Little Lucy**—Light crimson. **Mignon**—Bright crimson scarlet. **Snowflax**—Pure white.



FIGUS.

**Ficus Elastica.** (See cut—Rubber plant.) A very graceful, ornamental plant with broad, glossy leaves of deepest green. Strong plants, by express, 75c to \$2.00 each.

**FERNS.** For gardeners and ferneries. We offer a choice assortment of 15 varieties, especially adapted to house culture. The now universal use of these plants for house decoration has induced us to grow them by tens of thousands. By careful selection from year to year, discarding old and useless sorts and adding new and desirable ones, we are enabled to offer our customers a collection which will give the best satisfaction. They are easily grown, thrive in any house if kept cool and well watered, and being a "thing of beauty" are "a joy forever" to everyone who grows them. Strong thrifty plants 20c each by mail or \$1.50 per dozen by express.

**Adiantum Cuneatum.**

**Maiden Hair.** The well known maiden hair highly prized for house culture. We have a choice stock in various sizes. 1st size 35c each postpaid, 2nd. size 75c each by express. 3rd. size \$1.50 by express.

## FUCHSIAS.

There is no class of plants more universally grown than this old-time favorite. Their popularity never wanes, and if a person has room for only one plant that should be a fuchsia. They thrive best in a mixture of leaf mold and sand; should be kept in a shady, moist situation and require plenty of water, especially when in blossom. The varieties we offer are tried and true, and we heartily recommend them to our patrons: 10c each unless otherwise noted.

**Black Prince.** (See cut.) A stout, erect grower, very symmetrical in habit, and a most profuse bloomer. Blossoms semi-double, sepals carmine, corolla rose shaded mauve, widely extended.

**Carl Holt.** A beautiful single variety, red and white striped.

**Duchess of Edinburgh.** A magnificent bold free flowering variety introduced from England where it is considered one of the best for amateurs. The sepals are broad and completely reflexed, of a bright carmine color. The corolla is full, double, of an almost pure white, sometimes suffused with rose at the base. It is a most beautiful plant and should be secured by every flower lover.

**Gen. Vandever.** (See cut.) A most magnificent large flowering variety from California. The plant is of climbing habit attaining a height of several feet. It is at all times covered with a great profusion of most beautiful flowers, the corolla being a rich red, tube and sepals a dark purple forming a very handsome combination. 15c each.

**Helene.** (Tree Fuchsia.) Large, semi-double, orange scarlet blossoms; plant grows in tree form. 15c each.

**Lindhurst.** (See cut.) A remarkable free growing variety producing in the greatest profusion, large double white blossoms. The plant is compact and symmetrical and being constantly in bloom it is one of the prettiest kinds imaginable.

**Leon Tolstoi.** One of the finest English varieties we know of. Perfectly double flowers, with deep blue corolla, sepals a rich shade of crimson scarlet. Very handsome.

**Lord Byron.** Large flowers of single purple. A most prolific bloomer.

**Mrs. E. G. Hill.** Large double blossoms, corolla pure white, sepals dark red.

**Mrs. Marshall.** Semi-double, corolla carmine, sepals white.

**Othello.** (See cut.) This is another vigorous growing variety producing extra large double blossoms of intense indigo purple.

## Genista Canariensis.

A beautiful yellow flowering plant that grows and flowers freely with ordinary care, flowering so freely as to literally cover the plant with its rich golden yellow blooms when well grown. A very popular plant for Easter decorations at which time it is usually a mass of bloom. 15c each.

**Gesnera.** (See cut.) A most beautiful decorative plant, with rich velvety foliage, varying from green to crimson. The flowers are large, of rich coloring borne on long graceful stems which rise well above the foliage. They resemble the Gloxinias but on account of the beautiful foliage are much handsomer than them. 20c each.

**Grevillea Robusta.** (Silk Oak) A magnificent plant for decorative purposes, growing very rapidly. The foliage is finely cut, rivaling many of the rare ferns in beauty. 15c each.

## Cape Jessamine. GARDENIA FLORIDA.

One of the most beautiful and desirable shrubs in existence, producing large, double, white, exquisitely fragrant flowers from May until September. The plant grows in most exquisite and graceful form and, with its shining dark green leaves, is most beautiful at all times, and especially so when in bloom. It is hardy throughout

the South where it is highly prized. As a pot plant for the North it is one of the finest we have ever grown. 30c each.



GESNERA.



BLACK PRINCE.

# CHOICE GERANIUMS.

After careful trial and selection extending over a period of many years we have chosen the following sorts as best adapted to general cultivation. The ever increasing popularity of these plants has resulted in the development of a new race which are far superior to the old garden varieties of a few years since. Price unless otherwise noted 10c each, \$1.00 per doz., postpaid; \$6.00 per \$100 by express.

## MAY'S PREMIER COLLECTION.

### THESE SIX CHOICE PLANTS FOR 75 CENTS.

This contains six of the very best varieties in cultivation which are selected by us on account of the size and brilliancy of blossom, their sturdy, vigorous growth and their profusion of bloom throughout the season.

**Alphonse Ricard.** This is a handsome, strong growing variety of compact trusses of semi-double orange red blossoms of perfect form. 10c each.

**Jean Viaud.** The Grand Pink Bedder of Bruant Type. Soft, pure pink, semi-double trusses, perfect florets, a continuous bloomer, the plant being covered with flowers throughout the season; the finest double pink variety that we have ever seen; will rank with the best bedders of any color, if it does not prove the leader of them all. It has an iron constitution; withstands rain and sun better than any known geranium. 20c each.

**Mad. Jaulin.** Pronounced by many the finest of all the delicate pink varieties. Very abundant; the center a delicate pink, outside a pure white. A very attractive and valuable variety. 20c each.

**Dryden.** Fine for either bedding or pot culture; stands sun and storm remarkably well. Flowers single, bright, rosy red, with large white blotches on two upper petals and smaller blotches on the three lower ones. A very free and continuous bloomer. 25c each.

**La Favorite.** An old, well-known double white variety, and still considered one of the very best for general cultivation. The flowers are perfectly double, pure white, and produced in great profusion throughout the season. 10c each.

**J. J. Harrison.** (See cut.)

The most brilliant scarlet grown. The trusses and individual florets are of immense size, many of the latter measuring 2 inches in diameter. The color, a rich brilliant scarlet, renders it exceedingly valuable for massing on the lawn. 15c each.

## VARIETIES OF SPECIAL MERIT.

**America.** An ideal variety for pot culture or bedding; it is a seedling from Mars which has gained wonderful popularity during the past two years. It is of stronger growth and has larger foliage than the parent, but retains the same floriferousness and dwarf habit peculiar to that variety. On opening, the flowers are white with salmon center, changing to various shades of salmon and rose; finally, when fully open, to deep pure rose. As all colors appear on the same truss at one time, the effect is very novel. 20c each, \$2.00 per day.

### Beauty Poitevine.

One of the finest semi-doubles. The trusses of bloom and the individual flowers are of immense size and excellent shape. Color, beautiful rosy salmon, nicely shaded and tinted from deep orange to pure salmon. 15c each. \$1.50 per doz.

**John Doyle.** One of the brightest, most free blooming and most satisfactory varieties grown. The standard of excellence for scarlet bedders. Plant dense, compact in growth. Large trusses of bloom, bright vermillion, semi-double. 15c each, \$1.50 per doz.

### La Incontable.

Large, double blossoms, of a beautiful bright rose color.

**Mrs. Beadsley.** An old well known variety, but still considered one of the best for general bedding as it stands sun and drought exceedingly well and is a most prolific bloomer. The color is light salmon pink. Blossoms single borne in extra large trusses.

**Mrs. E. G. Hill.** Single salmon with a light shading in centre. Trusses of enormous size and composed of a great many florets. A very free bloomer.



GERANIUM, MARS.



J. J. HARRISON.

**Mars.** (See cut.) This new variety is the introduction to the floral world of a new class of Geraniums, of which Mars and America are the first representatives. The immense popularity which Mars has attained the past season is the best evidence of its great merit. It is of dwarf, compact growth, the dwarfest variety introduced to date, forming strong, stocky plants with great drouth resisting qualities and is the most prolific bloomer ever seen. The foliage is dark green with bronze zones and during the summer is completely smothered in a mass of bloom. The flowers are single, deep rose salmon, becoming deeper at the center and shading to almost pure white at the outer edge of the petal. These are borne in large trusses set well above the foliage on strong stems. For bedding on the lawn this plant is invaluable, while for pot culture it is the ideal variety, blossoming freely and continuously. 15c each, \$1.50 per doz.

**S. A. Nutt.** Rich, dark crimson. The flowers are of perfect shape and largest size. Trusses extra large and compact. The most popular bedding variety ever introduced.

## IVY LEAF VARIETIES.

These are very desirable for baskets, vases, boxes or any place where a trailing or climbing plant is desirable. The bright, shining foliage is very beautiful and this is greatly enhanced by the large trusses of bright colored blossoms. The collection which we offer herewith we consider the very cream of the list, as it contains all the good varieties of recent introduction. 15c each.

**BEAUTY OF CASTLE HILL.** A beautiful variety, producing large flowers of a soft rose color with a dark blotch on the upper petals.

**GARDEN GLORY.** A very popular sort. Individual blooms of largest size, of a very pleasing pink color.

**JEANNE DE ARC.** Flowers very large, of the purest white; free flowering, distinct and fine.

**LE ELEGANTE.** Foliage light green, margined white; blossoms pure white. Very choice.

**SOUV CHAS. TURNER.** A very profuse bloomer. Flowers double, bright pink, upper petals feathered maroon.

## SILVER LEAF VARIETIES.

Valuable for borders, edgings, etc., and for pot plants. 10c Each.

**MOUNTAIN OF SNOW.** The best of the silver leaves. Has large leaves, edged with silver.

**MAD. SALLEROI.** Small, green leaves, tinted with white.

**ROSE GERANIUM.** The old sweet scented variety, which every plant lover appreciates. 10c each.

**HELIOTROPE.** Old time favorites, popular on account of their fragrant blossoms. They thrive equally well on the lawn or in the house. 10c each, \$1.00 per doz., \$6.00 per 100 by express.

**CHIEFTAIN.** Lilac colored, large truss.

**FLEUR D' ETE.** Pure white.



IVY LEAF GERANIUM



**HIBISCUS.** (See cut.) Strong growing tropical plants with handsome, glossy foliage and large, brilliant showy flowers. In a warm sunny window they make fine decorative plants and bloom profusely. If planted in the open ground during summer they make a gorgeous display with their enormous bright colored flowers. 15c each.

**Colleri.** Lemon yellow, base of petals crimson scarlet.

**Cooperi.** Foliage beautifully variegated with dark green, pink and white; flowers single and very large; color crimson.

**Gen. Grant.** A giant flowering double red variety, the largest and most perfect one of this class. Nearly all these plants require to be several months old before flowering; this, however, will bloom freely when only a few inches high, and the beautifully shaped plants present a most charming appearance when covered with its showy, double reddish crimson flowers. 30c each.

**Rubra.** This variety has very large, double blooms of a clear crimson color. Very distinct and beautiful.

**Zebrina.** Double blooms of the largest size, striped yellow and white.

**HYDRANGEAS.** These are among the showiest house plants grown. They require but ordinary care and attention and when once established increase in size and beauty with each succeeding year.

**Hortensia.** The well known and favorite old variety, producing immense clusters of pink blooms, which remain on the plant a long time before falling. 25c each.

**Otaksa.** A valuable variety producing immense clusters of flowers of rose shaded white. It blooms when quite young and flowers continuously during the entire season. A very handsome variety for Easter forcing. 25c each.

**Honeysuckle Fuchsia Flowered.** This beautiful honeysuckle of recent introduction is a very vigorous grower with long trailing branches which are literally covered the entire summer and early fall with beautiful red blossoms. The flowers are bright red, long trumpet shaped, and borne in large clusters, drooping like the Fuchsia. 15c each.

**Ivy English.** The old time favorite valuable for baskets, vases and for cemetery work. 10c each.

**Jasmine.** New Queen, the Night Blooming Jasmine. A night blooming variety producing an abundance of deliciously perfumed small tubular shaped flowers. It blooms when very young and continues to blossom very freely as it becomes larger. 30c each.

**JUSTICIAS.** (PLUME PLANTS.) (See cut.) A beautiful class of plants of very easy culture and rapid growth. They commence to flower when quite young, throwing up large plume-like blossoms which last a long time. As a house plant they are unexcelled. 20c each, 3 for 50c.

**Carnea.** A very beautiful red variety.

**LANTANAS.** These are among the most satisfactory bedding plants that can be grown affording an abundance of bloom continuously throughout the entire summer. They are also fine grown in pots on the porch or in the house and can be kept in a light cellar during the winter. They thrive best in a moderately rich soil with plenty of sunlight and moderate watering. 10c each, \$1.00 per doz.

**Hendersoni.** Beautiful orange, changing to bright crimson.

**La Neige.** Pure white with faint shades of yellow.

**Mrs. McKinley.** THE WEEPING LANTANA. (See cut.) The plant is of very rapid growth, and graceful, drooping habit, with lovely, dark green foliage, producing a cluster of flowers at each leaf. The flowers are a most delicate, clear, brilliant rosy lilac color, entirely distinct from any other flower we have ever seen. To produce the best results use a tub or any large vessel that will hold from 4 to 6 gallons of soil. When planting press the soil firmly about the roots; water frequently after planting. To produce quick results a half dozen or more plants should be planted in the vessel, although a very pretty basket can be grown from a single plant. It is also very valuable for mixing with other plants in vases, etc. 15c each.

**Lemon Verbena.** A beautiful plant with verbena-like foliage, which is delightfully fragrant. A very rapid grower, forming a large bush when planted out in summer. 15c each.

**Linum Trigynum.** (See cut.) Yellow Flax. A beautiful little plant of easy culture, and one of the best we know for winter blooming. It flowers during the entire season. The blossoms are large, round, deep, orange yellow. 15c each.

**Lobelia.** These are very handsome little plants, suitable for boxes, baskets, vases or for bordering beds on the lawn. They produce an abundance of bloom the entire season, the color being a very rich blue. 10c each, 75c per doz., \$4.00 per 100 by express.

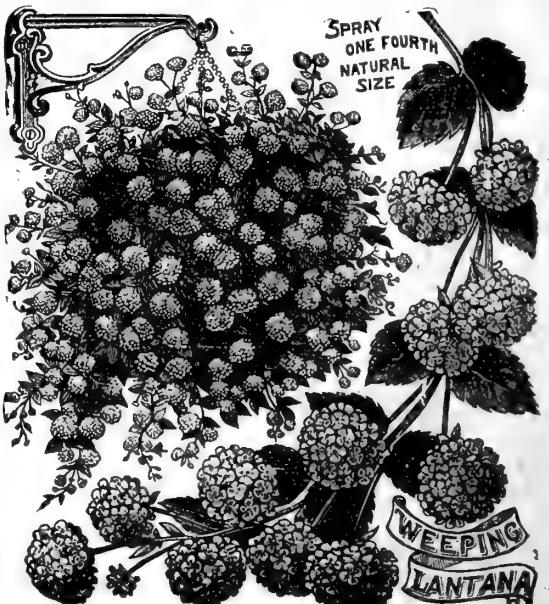
### HIBISCUS.

**Southern Beauty.** This is a very beautiful herbaceous Hibiscus, unknown to general cultivation. It forms pyramidal shaped plants, the lower branches slightly reclining, clothed with five cleft leaves, the segments toothed and margined crimson. In the open ground it blossoms profusely in late summer and fall, bearing handsome flowers of a deep crimson, shading deeper to the velvety throat, which is almost black. As a pot plant it begins to blossom when only a few inches high and continually afterwards. 20c each.

### SPECIAL OFFER NO. 8.

1 Hibiscus Gen. Grant.....	30c
1 Honeysuckle Fuchsia Flowered.....	15c
1 Lantana Mrs. McKinley .....	15c
1 Justicia Velutina.....	20c
1 Linum Trigynum.....	15c

The above 5 choice plants for 75c postpaid.





MANETTIA VINE

flame color tipped with golden.

**Mexican Primrose.** (See cut.) A most charming little plant, giving a continuous supply of large single, delicate pink flowers. It is of dwarf growth and of such easy culture that it will thrive under the most adverse conditions. 10c each.

**Meyenia Erecta.** A plant of very easy culture which produces flowers similar in shape and color to a *Gloxinia*. It is a free and rapid grower and produces its flowers very profusely. 20c each.

**Mignonette, ALLEN'S DEFIANCE.** This gorgeous mignonette has qualities hitherto unknown in large flowering varieties, namely: that of being deliciously fragrant. Under favorable conditions and with proper care the spikes will be from 12 to 15 inches in length. The individual florets are very large, and its keeping qualities, when cut, are unsurpassed, making it a particularly desirable variety. 15c each, \$1.50 per doz.

**Minneapolis Vine.** This is one of the most beautiful and rapid tender climbers that we have ever seen. It is particularly adapted to covering porches, trellises, screens, etc., a single plant often covering 50 or 75 square feet in a single season. The leaves are small, slightly rough on the upper side and of a bright green color. It produces an abundance of small star shaped flowers the entire season. We have known this plant to grow shoots from 3 to 5 feet in length in a single day. 15c each.

**Malayan Jessamine.** (See cut.) A most beautiful climbing plant with glossy evergreen foliage, and producing great profusion the most delicate, sweet-scented, Jessamine-like flowers. It will bloom when very small, and we have seen cuttings only 2 or 3 inches long, in thumb pots, bearing clusters of perfect flowers. By occasionally pinching off the ends of the shoots it may be grown in the form of a low compact bushy shrub. In the Southern states, from Florida to Louisiana, it is perfectly hardy. It is absolutely without fault as an ornamental flowering climber, having no insect enemies, and requiring no coddling whatever, being abundantly able to cope with conditions which would kill outright many vines. 25c each.

**OLEANDERS.****Prince Albert.**

These plants still retain their popularity with plant and flower lovers. Mammoth white flowers, perfectly double. A grand variety. 30c each.



MEYENIA ERECTA.

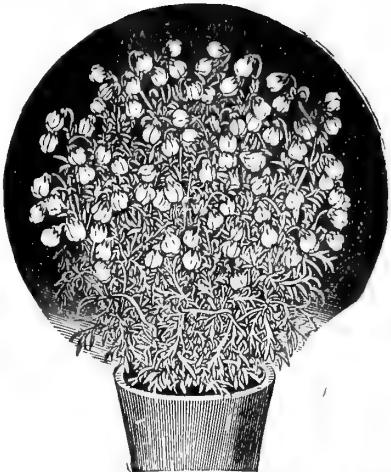
**Madeira Vine.** The old favorite climbing mignonette. Thick glossy leaves and long hanging stems of featherly, fragrant white blossoms. 5c each, 50c per dozen.

**Mahernia Odorata, or Golden Honey Bell.**

(See cut.) One of the most beautiful free flowering house plants that can be grown. It succeeds in almost any location or soil and the plants are of a somewhat spreading habit. They begin to bloom very early in the spring, and the bright, showy, yellow, bell-shaped flowers are borne in wonderful profusion for a number of months. The fragrance of the flowers is very delicate, and a well grown plant will fill a room with its delightful perfume. Its thrifty habit and easy culture recommend it to everyone. 15c each.

**Malabar Vine.** (See cut.) One of the most interesting climbing or trailing plants that has ever been introduced. The leaves are an almost pure white, striped and marked with gray and green. The flowers are the most delicate shade of pink. 20c each.

**Manettia Vine.** (See cut.) This is one of the most desirable climbing vines ever introduced, blossoming the entire year without any resting period. It is splendid for house culture in the winter, making a fine showing when trained on a trellis. It is equally desirable for outdoor culture, often attaining a height of 12 or 15 feet in a single season. The blossoms, which are tubular in form and from 1 to 2 inches in length, are of a bright



MAHERNIA ODORATA.



MEXICAN PRIMROSE.

ver seen. It is particularly adapted to covering porches, trellises, screens, etc., a single plant often covering 50 or 75 square feet in a single season. The leaves are small, slightly rough on the upper side and of a bright green color. It produces an abundance of small star shaped flowers the entire season. We have known this plant to grow shoots from 3 to 5 feet in length in a single day. 15c each.

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**La Rosarie.** Lovely double pink blossoms, large, and of most delicate shade. 30c each.

**Golden West.** Beautiful double flowers of a golden shade. A valuable and rare variety. 30c each. The set of 3 for 75c.

## SPECIAL OFFER NO. 80.

The five climbing vines described on this page for 60c postpaid. All of easy culture and rapid growth.

**PANSIES.**

We can ship choice plants in bud and bloom at any time. 10c each, 50c per doz. postpaid; \$3 per 100 by express.

**Porto Rican Coleus.**

A fine purple foliage plant. This is indeed a great acquisition and sure to become very popular, both as a pot plant and for bedding purposes. The leaves, which are about 5 inches long and 2 inches wide, are beautifully variegated with a deep metallic purple, shaded with a bright rose and margined with light green. The flowers are



MALAYAN JESSAMINE.

**Chinese Primroses.** Time may come and time may go, new plants may be introduced and old ones discarded, but the popularity of these old time favorites seems never to wane, and today they are cultivated more extensively than ever before. The beautiful tinted flowers set in a mass of handsome foliage are always admired, while the clean healthy growth and the ease with which they may be cultivated render them very desirable. Our stock has been grown from the choicest strain of seed to be obtained, and the plants are choice. We offer them in assorted colors. Strong plants in blossom 15c each, \$1.50 per doz. by express.

**Primula Forbesi, or Baby Primrose.** This is a new and distinct variety and one of the most wonderfully prolific bloomers we have ever grown. The plant begins to blossom when it is not over 2 inches in height and flowers continuously throughout the entire year. The flowers are of medium size, pinkish white, borne on long stems and remain fresh a long time after being cut and placed in water. It is valuable for bouquets and design work. The plant is of dwarf compact growth, the foliage clean and free from disease and insects. We consider it one of the most valuable plants of recent introduction. 20c each, 3 for 50c.

## PALMS.

This lovely class of plants is now considered indispensable for home decorating, and the low prices at which they are now offered place them within reach of all. We list here a few of the best known varieties in small sizes. We carry a large stock of all the popular sorts in larger size plants and will be pleased to mail our special palm price list on application to all who desire larger plants than are listed here. All varieties are grown from seed.

**Areca Lutescens.** (See cut.) One of the most graceful palms in cultivation. The foliage is a bright glossy green, the stems being a rich golden yellow splashed and blotched with brown specks. 30c each. **Larger plants by express 75c to \$5.00 each.**

**Cocos Weddeliana.** (See cut.) This is the most elegant palm in cultivation, having graceful arching leaves and fine cut foliage. It is a slow growing variety, never attaining a large size, and one of the easiest for house culture. It is especially valuable for the center of fern dishes. 30c each. **Large plants by express 75c to \$3.00 each.**

**Kentia.** (See cut.) This is considered the hardiest and best palm in general cultivation. Foliage dark green, gracefully arched. A rapid grower. 35c each. **Large plants by express \$1.00 to \$5.00.**

**Latania Borbonica or Fan Palm.**

(See cut.) One of the most popular varieties grown, prized especially for its beautiful, large fan shaped leaves of deep glossy green. 25c each. **Large plants by express, \$1.50 to \$10.00 each.**

**Oredoxia Regia.** (See cut.) This is the famous Royal Palm, one of the grandest in cultivation. The leaves are large, feathery-like, while the trunk is nearly pure white. It is a rapid grower and soon forms a large plant. 30c each.

Another desirable variety for house culture, being of robust habit, rapid growth, easy culture. A most graceful decorative plant. 30c each.

**Seaforthia Elegans.** An elegant variety with long, dark green leaves. Of most graceful habit and rapid growth. Very beautiful and decorative. 35c each.

**Umbrella Palm.** (See cut.) This is not a true palm but as it belongs to the same class of plants we list it herewith. They thrive in almost any location are very hardy and are adapted to a number of places where other palms are not suited. Nice growing plants, 15c each, postpaid. **Larger plants 25c, 50c and 75c each by express.**

**PASSIFLORAS,** **PASSION FLOWER.** These are the prettiest and most easily cultivated of all the rapid growing climbing vines. They are fine for training over porches, trellises etc., in summer and for house culture in winter. Their flowers, which are most curiously formed, are very interesting and beautiful. 15c each, or the set of four for 50c.

**Pfordi.** One of the best for out side planting. Blue suffused with rose.

**Constance Elliot.** Blossoms pure white except a very slight coloring at the base of the corolla. The most popular variety grown.

**Egyptian Scarlet.** Unlike any other variety grown. Color, a deep, rich scarlet.

**Northern King.** (See cut.) The hardy Passiflora. The prettiest of all flowering and climbing plants. Will grow perfectly all over the United States. Greatly admired by every person who sees it. They bloom all summer and very far north must be protected a little from cold. For the window it is splendid, and out doors it will run up a trellis 20 feet. It is covered with beautiful blooms, 4 to 5 inches across, supported on stout stems. The color is peculiar, blue, white pink and red. The foliage is a light green, tinted on the edges with yellow. Its shape is odd. The flower will attract the eye among hundreds of others. The plant will remain in the ground if protected a little with straw in the winter far north, and bloom every season for years. Every garden in the country should have one.

**Primula Obconica Grandiflora.** A charming novelty of the Primrose family. It is a strong, compact grower, with beautiful green leaves, from which rise tall and graceful stems, bearing aloft large fringed flowers of a delicate pink tinge. 25c each or 3 for 60c.



PRIMULA OBCONICA.



COCOS WEDDELLIANA.

## Phœnix Reclinata.



UMBRELLA PALM.

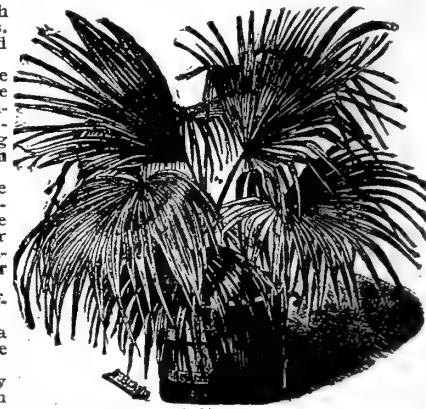
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ARECA LUTESCENS.



KENTIA.



LATANIA.



PASSION FLOWER. NORTHERN KING.

## PETUNIAS, Double Varieties. 15 CENTS EACH OR SET OF FOUR FOR 50 CENTS.

No class of plants produce more gorgeous and showy blossoms and flowers more freely than these beautiful annuals. Even the common mixed single seeds produce a grand profusion of bloom the first season from sowing. The plants which we offer, however, produce blooms of the largest size, double, and of the most beautiful and striking colors. They are grown from cuttings, not from seed, thus preserving the purity of type, and make excellent pot plants and are equally valuable for beds, boxes, vases, etc. The petunia blooms most profusely from new branches. If the old branches are kept cut back and the plant given frequent applications of liquid manure, the best results will be obtained.

**Blanche Dysinger.** (See cut.) After years of careful selection and propagation we are able to offer a white petunia of immense size, a very vigorous and healthy grower and a most profuse bloomer. The blossoms, the largest we have ever seen, are a pure white, delicately fringed, fragrant, and when cut and placed in water will remain fresh for ten days or two weeks. It succeeds equally well as a pot plant or for bedding on the lawn.

**Adonis.** A most delicate and pleasing shade of pink. Blooms extra large, of good substance and a long keeper. A most beautiful variety.

**Eureka.** An elegant red variety—one that is bound to become most popular. This variety was discovered among a lot of seedlings and after several years of propagation we are enabled to place it on the market.

**Fritz.** This is a decided novelty in Petunias. The ground work of the flower is a deep purple, which is beautifully marked and penciled with cream, white and pink, the whole forming a most gorgeous combination.

**PELARGONIUMS.** No class of plants for house culture produces more gorgeous and showy flowers, is of more easy culture, or gives better satisfaction than the Lady Washingtons, as they are generally known. In this collection of 3, introduced by one of the best specialists in this country, we have a rich and marvelous array of colors and a trio of strong, compact growers unsurpassed for freedom of bloom. 30c each, or set of three for 75c postpaid.

**Sandiford's Surprise.** (See cut.) A charming flower of splendid habit, surrounded with a broad band of white; lower petals white, with bright red spot in center of each. Continues long in flower and is one of the most distinct in cultivation.

**Mrs. Sandiford.** A splendid semi-double white flower, very pure in color, some flowers showing a small rich maroon spot in upper petals, heavily fringed. The many admirers of the genuine Florist Pelargonium will welcome this variety as being simply invaluable for all kinds of floral work, as the plants are smothered in bloom a long time.

**Sandiford's Best.** A distinct flower of a beautiful shade of pink, surrounded with a deep band of the purest white, with large white throat. The plant is marvelous, free flowering and the trusses very large and round. Very attractive and most charming variety.

### GENERAL LIST.

20c each, or the set of seven for \$1.25.

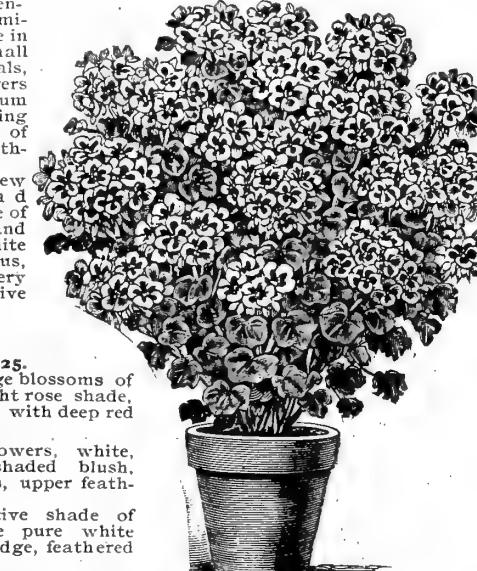
**Pride of Elland.** Large blossoms of a light rose shade, the center marked and blotched with deep red and maroon.

**Champion.** Gigantic flowers, white, delicately shaded, bluish, small lake blotch in lower petals, upper feathered maroon and red.

**Countess.** Clear attractive shade of salmon; large pure white center, narrow distinct white edge, feathered maroon in upper petals.

**Dorothy.** Fine large flower, full and round, of a soft shade of carmine rose, white center surrounded with a lilac shade, all the petals marginated white and elegantly fringed; upper petal, blotched maroon.

**Edward Perkins.** Grand bright orange scarlet, maroon blotch in upper petals, beautifully fringed and undulated.



Pelargonium, Sandiford's Surprise.

**Mad. Thibaut.** White blotched and marbled with rose, upper petals marked with crimson maroon, large white center.

**Marie Mallet.** Silvery white, carmine spot on lower petals, red and maroon on upper, habit very dwarf, quite distinct.

**Pomegranate, The Gem.**

(See cut.) A beautiful plant of symmetrical growth, equally good for bedding or pot culture in the house. The blossoms, which are borne quite freely, are of a beautiful orange scarlet color. As the plants are deciduous, they can be kept in the cellar during the winter and started again the following spring. It is quite hardy in the South, remaining uninjured in the open ground during the winter.

15c each.

**SPECIAL OFFER NO. 82.**

### THREE CHOICE PLANTS FOR 50 CENTS.

1 Petunia, Blanche Dysinger.....	15c
1 Pelargonium, Sandiford's Surprise.....	35c
1 Pomegranate, The Gem.....	15c

**SPECIAL OFFER NO. 83.**

25 Royal Mixed Gladioli.....	\$2.00
25 Imperial Mixed Gladioli.....	1.00
25 Common Mixed Gladioli.....	40
10 Named Gladioli.....	1.25

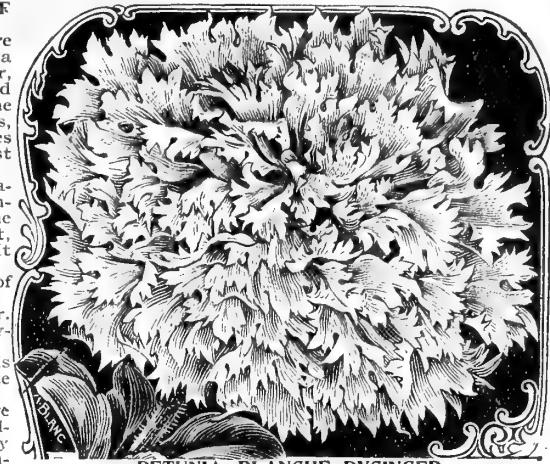
The entire collection of 85 choice Blooming Bulbs for \$3.00 by express at purchasers expense.

This will give you one of the finest collections of Gladioli ever grown.

Do not fail to read our list of specialties. Pages 1 to 16.

**POMEGRANATE**

**Copyright, 1891.**



PETUNIA, BLANCHE DYSINGER.

**GLADIOLUS.** (See cut.) This is the most attractive of all the summer flowering bulbs, and deserves a place in every garden, as it is sure to flower and do well with very little care.

Set the bulbs from 6 to 9 inches apart, and about 4 inches deep. Plant from middle of April to first of June. It is a good way to plant at two or three different times, ten days or two weeks apart. This will give a succession of blooms from July to November.

**ROYAL MIXED.** In this mixture we have placed many of the best named varieties. By carefully growing for a series of years, and rejecting the poorer kind each season, we have produced a strain which for size of bloom, and brilliancy of coloring is unsurpassed. \$1.00 per doz., 10c each.

**IMPERIAL MIXED.** This consists of a collection of choice flowering varieties selected from the best old named sorts. 50c per doz., 5c each.

**COMMON MIXED.** Choice, large bulbs, remarkable for their free blooming qualities and size of bloom. We are confident this collection will please everyone who wishes a nice display of bloom. 25c per doz., postpaid; \$1.50 per 100, by express.

**CHOICE NAMED VARIETIES.** 10c each, except where noted. The entire collection for \$1.25.

**ADDISON.** Dark amaranth, striped white.

**GEN. SHERMAN.** Large fine scarlet.

**LORD BYRON.** Brilliant scarlet, blotched pure white.

**MR. BAINS.** Clear light red.

**OCTOORON.** Beautiful salmon pink. 15c each.

**PROSERPINE.** Rosy white.

**REINE VICTORIA.** Pure white, carmine violet blotch.

**SHAKESPEARE.** White, slightly suffused with carmine rose; large rosy blotch.

**SNOW WHITE.** The only pure white known, large blooms, enormous spike. 25c each.

**THE QUEEN.** Immense flowers, white tinged with blush and flaked carmine. 20c each.

**VAN SPANDONK.** Fiery red.

**ZAMPA.** Tender rose, mottled carmine; purplish carmine feather.

5c each.



GLADIO!.



SOLANUM RANTONETTI.



JERUSALEM CHERRY.



SWAINSONIA.

**Russelia Juncea.** A handsome plant, suitable for garden or pot culture, requiring the same treatment as a Geranium. It produces numerous long, wiry stems which are leafless. The flowers are borne on these stems, being about the size and shape of Manettia blossoms. Very fine for hanging baskets. 15c each.

### SOLANUMS.

**Jasminoides Grandiflorum.** A beautiful plant of climbing habit, growing to a height of 4 or 5 feet. Its flowers are star shaped and borne in clusters, large, pure white, with a violet tinge on back of petals. A continuous bloomer and very valuable for pot culture. 15c each.

**Capsicastrum or Jerusalem Cherry.** (See cut.) A dwarf branching plant which produces an abundance of small scarlet berries during the fall and winter. Very handsome and decorative. 15c each.

**Rantonetti.** (See cut.) The true blue Solanum. It forms a neat little bush about 2 feet high, which is covered with blooms the entire summer and almost until Christmas. The flowers are clear blue with yellow center. As easily grown as a Geranium. 15c each.

**Smilax.** Everyone knows the value of this beautiful climber. It is of most rapid growth and easy culture and thrives well in any ordinary living room. The vine should be grown on strong thread if wanted for cutting. This can be cut off when it attains the proper growth, and the plant will sprout and grow again very rapidly. 15c each.

**Stevia Serrulata.** Free blooming plants bearing a multitude of small, fragrant, pure white flowers. Fine for open borders, also for pot culture in the house. 15c each.

**Sutherlandi.** (See cut.) One of the brightest and showiest plants in our entire collection. It is of dwarf, compact habit, with bright green foliage, delicately cut. The flowers, which are borne in great profusion, are the shape of a sweet pea, borne on long stems, color brilliant scarlet. 15c each.

**Swainsonia Alba.** (See cut.) A most desirable ever blooming plant with graceful fern-like foliage. The flowers, which resemble a miniature sweet pea, are produced in clusters throughout the year. It is readily trained to a trellis and of easy culture. Color purest white. 15c each.

**Swainsonia Elegans.** This is a fit companion for Alba, the flowers are of the most beautiful shade of rose, and as freely produced as the above variety. When grown together they present a charming appearance and never fail to excite admiration wherever seen. 15c each.

**Serissa.** A charming little plant that is worthy of a place in every collection. It has bright, glossy green foliage, and produces continually through the entire season a profusion of lovely double white blossoms. Easily grown and sure to please. 15c each.

**Sanseveria Zealanica.** There is no decorative plant that is more attractive in habit and neglect. It will grow and flourish in any dark corner, and will stand gas and dust or heat. Indeed, the only thing that seems to check it is too much water or frost. The leaves grow to a length of 3 to 4 feet, and are beautifully striped crosswise with broad, white variegations on a dark green ground. Grows splendidly out of doors in summer. 25c each for strong plants.

**Stephanotis Floribunda.** An old but much admired house and conservatory climber. The foliage, which is a beautiful deep glossy green, is very free from disease and the ravages of insects. The flowers are large, pure white and most deliciously perfumed, filling a whole room with their delightful fragrance. The plant makes a very rapid growth and is most beautiful and decorative, especially for private conservatories, or with other plants in the house. We know of no house climber more beautiful or more easily grown, and heartily recommend it to all our customers. 20c each, \$2.00 per dozen.

**Thunbergia Fragrans.** A magnificent perennial variety from India, of a slender, graceful, climbing habit, similar to the annual sorts, with deep green waxy leaves, which are cordate at the base, giving them a very distinct appearance. Its crowning feature, however is its flowers, each of which is as large as a silver dollar, of pure waxy whiteness, with a delicate lemon yellow spot in the center or throat. The plants begin to blossom when quite small, continue in bloom all the time, producing them in the greatest profusion. Fine for either pot or open ground culture. 20c each.

**Tecoma Smithi.** A dwarf, bushy trumpet creeper which blooms nearly the whole year round. The flowers are over 2 inches in length of a rich lemon color shading to dark orange yellow. 15c each.

**Tuberoses, Double Dwarf Pearl.** Extra large. 5c each, 50c per dozen.

**Silver Leaf.** Foliage distinctly striped white and green. They blossom several weeks earlier than the double Tuberoses. 10c each, 75c per dozen.

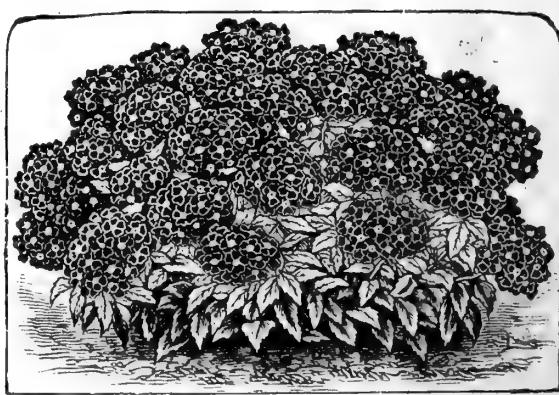
**Violets, Marie Louise.** A very fragrant double blue variety. 15c each.

**Verbenas.** (See cut.) These old and ever beautiful little bedding annuals are still among the most popular plants for lawn culture. The plants which we offer are grown from cuttings from the giant flowering varieties, and are far superior to the old common, small flowering sorts grown from seed. 10c each, \$1.00 per dozen.

**Vincas.** Pretty trailing vines very suitable for window boxes, vases and baskets. The leaves are of a thick, leathery substance which stand a great amount of rough usage without injury. Green leaves and variegated leaved. 20c each.



SUTHERLANDI.



GIANT FLOWERING VERBENAS.

## SELECT ROSES.

**A Few Words About Our Roses.** For many years our superintendent, who has made a life long study of the rose, has been selecting and testing in different soils and under different conditions all of the varieties that have been offered by American and European growers, discarding those which are deemed unfit for general culture, and selecting and improving on varieties of real merit. The result of these years of care and study we give to our customers in the collections which we offer herewith, every one of which we recommend with confidence, knowing that they will thrive and give the best results if accorded proper care and attention.

Our plants are cold grown in pots, giving them firmness of texture and an abundance of strong fibrous roots to enable them to bear shipping and transplanting well. Many so-called rose growers ship out plants that are sickly, weak-rooted cuttings, taken from the propagating bench and never transplanted. Such stock is dear at any price.

**CULTURE**—Roses require a rich soil made up of rotted sod, loam and well-rotted cow manure. Cut the plants back closely after flowering. As the blooms are produced on the new growth, the development of new branches is most essential. Feed the plants on well-rotted cow manure, bone meal or a liquid fertilizer, thus inducing a vigorous growth, and prune freely and you will be amply repaid for the time and attention bestowed.

The indoor enemies to rose plants are Aphis, Red Spider and Mildew. Thorough syringing with tobacco water will destroy the Aphis, constant syringing with clear water will keep down Red Spider, and powdered sulphur sprinkled on the foliage will help to prevent and destroy Mildew. Keep plants out of cold draughts of air and you will in a great measure prevent Mildew.

**IMPORTANT.** Owing to our knowledge of varieties we can in many cases make better selections than our customers themselves. Where the selection is left to us we will send varieties we consider the best for the locality where they are to be planted.

**Hybrid Tea Roses.** A valuable class of half-hardy roses, combining the flowering qualities of the Teas with the rich coloring and fragrance of the Hybrid Perpetuals. 10c each, \$1.00 per dozen.

**Belle Siebricht.** This grand variety, introduced a few years since, is one of the best we have ever grown for summer blooming. The flowers are of large, full form, of a rich, deep pink color. It is a wonderfully free bloomer, and is quite hardy in some northern localities. We believe it possesses unusual merit as a variety for amateur cultivation, and heartily recommend it to our customers who wish a variety combining so many good qualities.

**Christine De Noue.** A constant and very free bloomer. Blossoms large and handsome; buds long and finely pointed; color clear, rich maroon, or deep purplish red. Very fragrant.

**Duchess of Albany.**

Rich, deep pink. An improvement on the well known Lafrance.

**Kaisserin Augusta Victoria.** Long pointed buds, blossoms large, full, double and fragrant. Color delicate, creamy white. It is hardy in many sections of the North, standing in the open ground with slight protection without injury.

**Lafrance.** Large, well-expanded blooms of a light pink color. Very fragrant.

**Striped Lafrance.** Identical with the above except in color, which is bright, satiny pink, distinctly striped with bright rose.

**Meteor.** One of the most brilliant roses ever introduced. Succeeds admirably when planted on the lawn for summer blooming, and is equally good for pot culture in the house. The color is a rich, velvety crimson.

**Mrs. De Graw.** Bright, rich pink. A free and continuous bloomer.

**Pres. Carnot.** Long, pointed buds; blossoms of a delicate, rosy blush, shaded a trifle deeper in the center. Delicious fragrance, strong grower and free bloomer. One of the most meritorious of recent introductions and bound to become very popular.

**Queen of Scarlets.** Rich velvety scarlet, very brilliant and striking. A constant and profuse bloomer. We consider this the best scarlet bedding rose in existence.

**White Lafrance.** Pure white, very large, full, and finely formed. A free and continuous bloomer. Very fragrant.

## WINDOW GARDEN COLLECTION OF EVERBLOOMING ROSES.

### SIX CHOICE PLANTS FOR 50c POSTPAID.

Selected on account of their adaptability to pot culture and their wonderfully free blooming qualities.

**CLOTHILDE SOUPERT.** White, tinged pink.

**LADY DOROTHEA.** Apricot colored.

**GOLDEN GATE.** Creamy white, tinged pink.

**PAPA GONTIER.** Red.

**RAINBOW.** Striped pink and crimson.

**ETOILE DELYON.** Pure yellow.

## GARDEN COLLECTION OF EVERBLOOMING ROSES.

### SIX CHOICE PLANTS FOR 50c POSTPAID.

Selected on account of their free blooming qualities, and their sturdy vigorous growth. They supply a great wealth of bloom throughout the season. Unsurpassed for richness and brilliancy. They are selected from varieties described on this and the following pages, and are considered the very best on our entire list that can be planted for summer blooming in the garden.

**BELLE SIEBRIGHT.** Pink.

**KAISERIN AUGUSTA VICTORIA.**

Creamy white.

**QUEEN OF SCARLETS.** Rich, velvety scarlet.

**PRES. CARNOT.** Rosy blush, shaded darker in center.

**CLOTHILDE SOUPERT.** White, tinged pink.

**YELLOW SOUPERT.** Yellow.



MARIE GUILLOT ROSE.

See description next page.



## BEAUTY INCONSTANT.

**Mad. Watteville.** (Tulip Rose.) Creamy yellow richly colored with rosy blush. Petals large and bordered with bright crimson.

**Mad. Cochet.** Creamy rose with crimson center.

**Marie Guillot.** Although not a novelty, this grand rose possesses so many good qualities that we accord it first place among the white sorts. The color is pure snow white, sometimes faintly tinged pale yellow. The flowers are of magnificent form, extra large, full and double, the buds are most beautiful and it is delectably perfumed. For outdoor culture it is unsurpassed, as it blooms continuously and profusely the entire season, being literally smothered in flowers from early summer till killed by frost. It is also desirable for pot culture and certainly deserves to be placed in the front rank of everblooming tea roses. 15c each.

**Mrs. Pierrepont Morgan.** Intense rosy crimson. Distinct and beautiful. **Papa Gontier.** Dark crimson red, with long, pointed buds.

In comparing our prices with others, please bear in mind that our roses are all strong, well rooted young plants grown by the cold system. Many so called rose growers, who advertise cheap plants, send out small, weak-rooted cuttings, grown in sand, that are dear at any price.

**Princess Bonnie.** Deep vivid crimson. A very profuse bloomer, succeeding equally well as a pot plant or for outdoor culture. Claimed by the introducers to be perfectly hardy outside. 15c each.

**Rainbow.** Another wonder of the rose family. The blossoms which are of good size and produced very freely, are beautifully striped pink and crimson. Add to this beauty an amber colored center, and you have a very strikingly beautiful flower. 15c each.

**Souv. de Claireux.** Bright pinkish rose. Blossoms large, full and double and remain on the bush a long time.

**Souv. D'Un Ami.** Deep rosy flesh, shaded rich carmine.

**Safrano.** Buff tinted apricot. An old but desirable sort.

**The Queen.** Large, pure white, very fragrant. A very profuse bloomer.

**Reine Olga, de Wurtenberg.** Fine, large, very double flowers borne in clusters; color, clear cherry red margined with crimson.



LADY DOROTHEA.

## EVERBLOOMING TEA ROSES.

These are especially nice for planting in beds on the lawn, producing an abundance of bloom the entire season. They are also equally good as pot plants for winter culture in the house. 10c each, \$1.00 per dozen, except where noted.

### Beauty Inconstant. THE WONDER KINGDOM.

(See cut.) This is one of the most remarkable plants ever introduced in the floral world. A single plant produces a great variety of colors ranging from crimson to light pink, through the various shades of red, orange, yellow, rose, pale pink and salmon, giving the appearance of a number of varieties blooming at the same time. The plant is very strong and vigorous. The buds are beautiful, long and pointed. When fully open the blossom is very full, double and fragrant. It is certainly a sensational variety and one that will become very popular when its merits are fully known. 20c each.

**Bon Silene.** An old favorite, still considered one of the best. Color, deep rose, shaded carmine.

**Bride.** Large, creamy white, changing to pure white. A healthy grower and a profuse and continuous bloomer.

**Bridesmaid.** The most popular pink tea in cultivation. The flowers are large, full and fragrant, borne very profusely throughout the season. Plant very vigorous. Color bright pink.

**Coquette Des Lyons.** Clear canary yellow, very fragrant; a free bloomer.

**Dr. Raymont.** Very fine dark double red.

**Duchess de Brabant.** Rosy pink, edged silver.

**Etoile de Lyon.** A rich golden yellow. A strong healthy grower.

**Etoile D'Or.** Pale yellow with citron red centre.

**Ethel Browulow.** Light pink small and very fragrant.

**Golden Gate.** This variety was introduced several years ago, but its many points of excellence have but recently become known. It is therefore not an untried novelty, and after three years careful testing under many and trying circumstances we can

unhesitatingly offer it as a variety possessing unquestionable merit both for professional and amateur growers. It is a free, everblooming tea of great vigor of growth, clean and healthy habit and is one of the finest bedders we have ever seen. The stems are long and stiff, the blossoms extra large and full, and one of the best keepers we have ever grown. The color is creamy white, sometimes delicately tinged pink on the ends of the petals. The buds are long and pointed and of extremely graceful appearance.

**Hermosa.** Another old favorite. Color clear bright pink. Fine for bedding.

**Lady Dorothea.** (See cut.) Another year's trial of this beautiful rose places it in the foremost rank of choice varieties. The plant is strong and vigorous, the flowers are borne profusely, stems long and stiff, the blossoms of an exquisite apricot color, shaded pink. A distinct and decided novelty in the rose family. 20c each.

**Marion Dingee.** Deep crimson. A fine plant and a beautiful blossom.

**Mad. Cusin.** Bright purplish crimson, base of inside petals sometimes streaked with white.



CLOTHILDE SOUPERT. (See Page 91.)

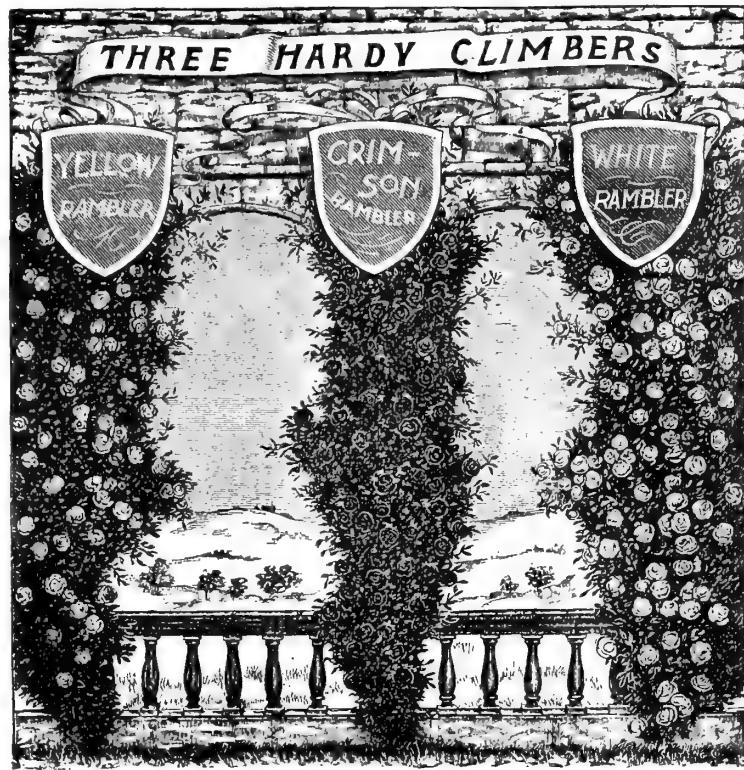
# CHOICE HARDY CLIMBING ROSES.

**Crimson Rambler.** (See cut.) This is certainly the most wonderful climbing rose ever introduced and each year's experience with it only strengthens our confidence in it. It is absolutely hardy in all localities, a most vigorous grower, a most prolific bloomer, fine for growing on trellises, unexcelled for covering porches, walls, etc., admirable for pot culture for Easter forcing, at all times when in bloom, producing a gorgeous mass of crimson blossoms which remain on the plant a long time. The plant often grows from 12 to 15 feet in a single season, commences to blossom in June, continuing throughout the season. The flowers are deep crimson, borne in immense clusters which remain on the plant a long time. We have heard of several plants producing from 12,000 to 15,000 blossoms in a single season. As a pot plant for florist's use for Easter blooming it is particularly valuable, as by careful training the plant forms a perfect ball, covered by immense trusses of bloom, which retain their color for weeks. But it is for the amateur for outdoor cultivation that it is especially desirable and those who have never grown it should not fail to secure it at once. If you have room in your yard for only one rose, that one should be a Crimson Rambler. Strong young plants 10c each; strong 2-year old plants 35c each, postpaid, or \$3.00 per dozen by express.

**Yellow Rambler.** (See cut.) This is a fit companion for so beautiful and valuable a rose as the Crimson Rambler. It is perfectly hardy, more vigorous in growth, if possible, than the Crimson, a profuse bloomer and succeeds well in any and all localities. The flowers are pure yellow, double, of good size, fragrant and borne in immense clusters like the Crimson, and last a long time without fading. This is the first and only double yellow hardy climbing rose ever introduced, and on this account is considered particularly valuable by rose growers. Strong young plants 10c each; strong 2-year old plants 35c each or \$3.00 per dozen by express.

**White Rambler.** (See cut.) Another valuable addition to the class of hardy climbing roses. The plant is strong and vigorous, perfectly hardy, a most prolific bloomer, and succeeds well as a pot plant for early blooming indoors. The blossoms are very double, pure white, borne in clusters and remain on the plant a long time. In fact it closely resembles Crimson Rambler in every particular save color. Strong young plants 10c each; strong 2-year old plants 35c each; \$3.00 per dozen by express.

**The Three Ramblers.** Above described form a worthy triumvirate fit to adorn the palace of a king or to beautify the humble cottage of the poor. Nothing can surpass them in beauty, the three colors contrasting beautifully and forming a perfect bower of loveliness. We offer 1 plant of each of the three varieties for 30c postpaid, or 1 dozen, four of each, for \$1.00; 3 strong 2-year old plants, 1 of each, for \$1.00 postpaid.



**Baltimore Belle.** Pale blush, nearly white; very double. Blossoms in large clusters, the whole bush appearing a perfect mass of bloom. 10c each; 2-year plants 35c.

**Caroline Goodrich.** Or Running Gen. Jacqueminot. This is a Hardy Climbing Hybrid Tea, producing lovely large crimson blossoms, identical in shape, size and color with the old favorite Gen. Jack. It is a valuable addition to our list of hardy climbing roses. The plant is very vigorous, making a growth of 12 to 15 feet per season. 10c each.

In comparing our prices with others, please bear in mind that our roses are all strong, well rooted, young plants grown by the cold system. Many so-called rose growers, who advertise cheap plants, send out small, weak-rooted cuttings, grown in sand, that are dear at any price.

**Carmine Pillar.** A magnificent porch or pillar rose, with large single flowers 4 to 5 inches in circumference, of a bright rosy carmine color. These are produced in great profusion and are most beautiful. The editor of Gardening says of it: "Paul's Carmine Pillar Rose is in bloom, and what a beauty it is! Saucer-shaped single roses, fully three inches in diameter, of the color that gave it its name, dot the bush from the ground up to its tips, some eight or more feet high. A matured plant must be a sight worth going miles to see. This rose is undoubtedly hardy in most sections of our country, and in all sections under protection, and should be as universally grown as a Crimson Rambler." We offer the true stock. Strong, young plants. 20c each.

**Empress of China.** A new and valuable variety of Chinese origin. It is very hardy, very free flowering, and the nearest approach to a perpetual blooming climber yet introduced. The blossoms are of good size, perfectly double, of a soft red color changing to light pink when fully expanded. 10c each; 2-year old plants 40c.

**Pink Roamer.** The single flowers, which are produced in close heads, are nearly two inches in diameter, bright, rich pink with almost a white center, which lightens up the orange-red stamens, producing an effect, when combined with fragrance, which makes it one of the most valuable roses in cultivation. 15c each.

**Pink Rambler.** (Euphrasyne.) Originated by the same gentleman who produced White Rambler, Mr. Peter Lambert, and is of the same blood. What is said of White Rambler applies equally to this, except the color of the flowers is pure, shiny rose—the partially-opened buds being bright, light carmine, thus producing a strong and pleasing contrast. "The numerous yellow stamens lend an additional charm to the flower. In hardness, freedom of bloom, form and color of flower, and vigorous climbing habit, this variety is fully the equal of Crimson Rambler." 10c each; 2-year plants 35c each.

**Queen of Prairie.** Bright, rosy red, large, compact, globular flower, produced in clusters. 10c each; 2-year plants 35c each.

**Seven Sisters.** A splendid rose blooming in clusters; crimson, changing all shades to white. 10c each; 2-year plants 35c each.

**Tennessee Belle.** A robust, vigorous climber and free bloomer. Color bright rose. 10c each.

**White Rover.** (See cut.) Here we have a white hardy climber that for vigor of plant, freedom of bloom, and size and fragrance of flower is unsurpassed. The plant is strong and vigorous, making a growth of 6 to 10 feet each season. The blossoms are large, creamy white and produced in great profusion for several weeks. As a porch or veranda plant it is unexcelled, its large, showy clusters of bloom contrasting nicely with the deep green of the foliage. 10c each; 2-year plants 40c each.



WHITE ROVER.



No. 1.

SELLERS CO.

## MINNESOTA COLLECTION OF HARDY HYBRID PERPETUAL ROSES.

6 CHOICE HARDY ROSES FOR 50¢ POSTPAID.

We offered this collection last year and received so many flattering commendations from customers who purchased them that we feel they are the hardest and best collection of roses ever sent out. Consequently we have propagated an immense stock of these varieties and again offer the collection to our customers, knowing that it cannot fail to give perfect satisfaction. Of all the many collections we have sent out we never offered one with greater confidence than we do this.

No. 1. **MAGNA CHARTA.** Rosy red, flushed violet crimson. Very large full and fragrant. A free bloomer.  
 No. 2. **PAUL NEYRON.** Deep clear rose. Blossoms of the very largest size full and double. Very fragrant.  
 No. 3. **PRINCE CAMILLE DE ROHAN.** Dark velvety crimson, the darkest in cultivation. Full and double.  
 No. 4. **MARGARET DICKSON.** White, with pale flesh center, of magnificent form and very fragrant.  
 No. 5. **FRANCOIS LEVET.** Soft china pink, shaded carmine and blush. A most vigorous grower.  
 No. 6. **LADY HELEN STEWART.** Bright crimson scarlet. Very fragrant and a most profuse bloomer.

The above collection in strong 2 year old plants for \$2.00 postpaid, or for \$1.50 by express at purchaser's expense.

In comparing our prices with others, please bear in mind that our roses are all strong, well rooted, young plants grown by the cold system. Many so-called rose growers, who advertise cheap plants, send out small, weak-rooted cuttings, grown in sand, that are dear at any price.

### HYBRID PERPETUALS.

To this class belong the hardy outdoor everblooming varieties. While nearly or quite all of them are hardy throughout the North without protection, still we earnestly advise our patrons to give them a slight protection of earth or autumn leaves during the winter. The increased vigor of growth and consequent increased bloom will amply repay the labor of protecting them. Do not cover the plants too soon; a slight freezing will not hurt them, but help to ripen the wood. The best material we know of for covering is autumn leaves, but where these cannot be readily obtained, hay, straw, light manure, street sweepings, pine or cedar boughs will afford ample protection. Cover sufficiently to prevent the roots from freezing, but not to exclude all air and light. Do not uncover too early in the spring, but wait until all danger of freezing is past and the weather becomes settled. As soon as uncovered, prune the plants, cutting off all dead and discolored branches.

Price, except where noted, young plants 10c each, \$1.00 per dozen postpaid; strong 2-year old dormant plants at 35c each, postpaid, or \$3.00 per dozen by express at customer's expense.

**AMERICAN BEAUTY.** Large, rich rose crimson.

**ANNA DE DEISBACH.** Brilliant rose color, with long, pointed buds. Blooms extra large. Very hardy.

**BARON DE MAYNARD.** White, slightly tinged blush.

**BLACK PRINCE.** Very dark red.

**CLIMBING VICTOR VERDIER.** Brilliant rosy carmine edged with purple; very large, full and fragrant.

**COQUETTE DES ALPS.** Large, full flowers of pure white, sometimes slightly tinged with pale blush. A very vigorous grower.

**DUKE OF TECK.** Bright crimson scarlet. Large full blossoms, very early.

**DINSMORE.** Rich crimson; highly perfumed. A splendid bedding variety.

**FISHER HOLMES.** Dark, rich crimson, large, full flowers. A superb rose.

Any 25 roses listed on this page for \$2.00 postpaid, including one U. S. Grant.

**FRANCOIS LEVET.** Soft china pink delicately shaded carmine and blush, large and fragrant. A free bloomer, and a most vigorous grower.

**GEN. JACQUEMINOT.** A rich, velvety crimson, changing to scarlet crimson. The best known of all the H. P.'s, and one of the most popular.

**GIANT OF BATTLES.** Brilliant crimson, very large and fragrant.

**LOUIS ODIER.** Bright carmine rose, large full flower.

**LA REINE.** Clear, bright rose, large, full form, fragrant and hardy.

**MAD. FOREY.** Light pink. Very fragrant and beautiful.

**MAD. CARMEL.** Bright, deep rose; full and beautiful.

**MAD. VICTOR VERDIER.** Rich, bright cherry red changing to satiny rose

**MARIE OF LORAINNE.** Dark pink. Plant of robust habit.

**MAGNA CHARTA.** Clear, rosy red, flushed with violet crimson.

**MRS. JOHN LAING.** Clear, bright pink, exquisitely shaded.

**MAD. PLANTIER.** Very large, double, pure white flowers.

**MARSHALL P. WILDER.** Bright scarlet crimson, shaded with maroon. Flower large, full and well formed.

**MAD. ALF. DE ROUGEMONT.** Snow white flowers.

**MAD. CHAS. WOOD.** Fiery scarlet, full and fragrant.

**MRS. CLEVELAND.** Clear, bright pink flowers.

**PIERRE NOTTING.** Dark, blackish red, richly shaded violet crimson. Needs winter protection.

**PAUL NEYRON.** Bright, shining pink, clear and beautiful.

**PRINCE CAMILLE DE ROHAN.** Dark, velvety crimson, changing to intense maroon. The darkest in cultivation.

**ULRICH BRUNER.** Rich glowing crimson flamed with scarlet.

**U. S. Grant.** (See cut.) Almost as hardy as an oak. Will thrive in any section of the United

States. Blossoms freely the entire summer. This is the famous rose we introduced as "Unknown Beauty" and which we allowed our patrons to name by votes. Thousands and thousands of votes were sent in from all parts of America, and among them Gen. Grant proved to be the favorite. It is truly an ever-blooming hardy rose and can be grown by any one.

The flowers are of an enormous size, cup-shaped, full and deep,

the petals thick, heavy and of a peculiarly rich velvety red color. It is a magnificent rose, either in bud or as an open flower, and its deep color makes it especially desirable for cutting. It is one of the very few varieties which will succeed in all parts of the United States, doing equally as well in the east as it will in the far west, while its hardiness and healthy habit enable it to withstand both the severe winters of our northern states and the burning sun of the far south. Remember, we do not recommend this rose for house growth at all, but for the open garden we have never seen one that could surpass it in hardiness, habit of growth or beauty of coloring.

You cannot procure U. S. Grant except from us, as we control the entire stock. 25c each; 2-year old plants 60c each.





## MOSS ROSES

The beauty of this class of roses is beyond compare. Many so-called mosses are offered each year, but very few genuine mosses are sent out. Owing to the difficulty in propagating them, they are bound to be scarce. We have selected two varieties which we have tested for several years and which we can thoroughly recommend to our customers.

**Princess May.** Princess May is the most free flowering white moss we have ever seen, and its healthy habit of growth and large flowers are certain to make it a favorite wherever known. The buds are elegantly mossed and the blossoms exceedingly fragrant and a rose no lover of mosses should fail to secure. **Strong young plants 25c each, two year old plants 50c each.**

**Ashbourne Prize.** This is without doubt the most beautiful deep red variety that has ever been produced. The flowers are a rich, deep velvety red, extra large and highly perfumed. The plant is a strong, thrifty grower and produces its blossoms in the greatest abundance the entire season. It may truly be called an "everblooming" moss rose. Both this variety and Princess May are perfectly hardy.

**Strong, thrifty plants. 25c each, two year old plants, 50c.**

In comparing our prices with others, please bear in mind that our roses are all strong, well rooted, young plants grown by the cold system. Many so-called rose growers, who advertise cheap plants, send out small, weak-rooted cuttings, grown in sand, that are dear at any price.

## LORD PENZANCE HYBRID SWEET BRIARS. (See cut.)

These varieties, but recently introduced, are hybrids between the Sweet Briar and various old-fashioned garden roses. The foliage is sweet scented like the common Sweet Briar. The blossoms are borne in wonderful profusion. The plants are of very vigorous growth and perfectly hardy. The flowers are followed by dark red seed pods rendering the plants very attractive at all times. Their beauty is best displayed by being planted singly on the lawn. Each plant should have a stake 4 or 5 feet high to which 2 or 3 of the principal shoots should be tied to prevent the plant from being blown over, but the branches look best if allowed to hang naturally and gracefully. **They should never be pruned, like other roses, as they will produce but few or no blossoms if they are.**

**AMY ROBSART.** Rose. **ANNE OF GIERSTEIN.** Crimson. **BRENDA.** Blush White. **LADY PENZANCE.** Copper. **LORD PENZANCE.** Fawn. **ROSE BRADWARDINE.** Pink. **We offer strong 2-year-old plants only at 35c each, postpaid, or \$3.00 per dozen, by express.**

**The Hardy "Memorial Rose"** (ROSE WICHURAIANA.) A trailing species from Japan, of very rapid growth, creeping on the ground almost as closely as an ivy. The foliage is a deep, rich, glossy green, shining as if varnished; almost evergreen, as it remains so until midwinter. The blossoms are produced in great profusion during July and sparingly the rest of the season. They are large, single, pure white, while the sepals form a large, yellow disc in the center of unparallelled grace and beauty. It is most appropriate for covering graves and plots in cemeteries, as it is perfectly hardy, requires little or no care, with most beautiful foliage the entire season, and gorgeous blossoms during July. It can also be used to good advantage in covering arbors, trellises, rocks and unsightly embankments. In fact its uses are more varied and manifold than any rose or other plant ever introduced, while the beauty of its foliage and flowers surpasses description. **Strong plants 15c each, 2 year old plants 40c each.**

**Hybrid Wichuriana Roses.** These possess the same characteristics of growth and hardiness as the Memorial Rose above described, with the additional advantage of producing double flowers. **15c each. Strong 1 year plants 50c each.**

**FAVORITE.** Double rose-colored blossoms, 2 inches in diameter and very fragrant.

**PERFECTION.** Double blossoms 1½ inches in diameter. Color soft blush pink, at the tips changing to white.

**ROAMER.** The blossoms are large, single, of a bright pink color, with almost a white center. This is the Double Memorial Rose as it has the same color as that desirable variety, with its characteristics of growth and habit.

**Triumph.** (See cut.) This grand variety introduced by us last season has proven more valuable than we at first supposed. While we offered it with confidence the past season, we are now fully convinced of its great value in all sections and under all conditions and have this year grown an enormous stock in order to fully meet the wants of our customers.

It is a Hybrid Tea, equally adapted to growing in the open ground, or as a pot plant in the house. It is a strong, vigorous grower and a most profuse bloomer. It is not hardy, in the north, though with slight protection, it will live outside over winter anywhere south of the Ohio river.

The color is a deep glowing pink, a trifle darker than the Bridesmaid. The buds are tight and pointed like that variety, though the petals are longer. When fully expanded the blossom is similar to the well known LaFrance.

While we have an immense stock of choice plants of this variety we would advise all our friends to place their orders early before it becomes exhausted. **15c each, \$1.50 per doz.**

### SPECIAL OFFER NO. 84.

**8 CHOICE EVERBLOOMING BEDDING ROSES FOR 50c POSTPAID, OUR SELECTION OF VARIETIES.**

### SPECIAL OFFER NO. 85.

**8 HARDY HYBRID PERPETUAL ROSES, OUR SELECTION, FOR 50c POSTPAID.**

Please bear in mind that in these collections which we offer you will receive just as good plants as you will at regular price, but the selection of varieties must be left to us.

The large number of roses which we grow enables us to make these very liberal offers. We offer nearly a hundred good varieties and often have a surplus in certain kinds owing to the varying demand for them.



BEAUTY OF ST. PAUL.



LORD PENZANCE—SWEET BRIAR.

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OUR NURSERY DEPARTMENT.

At our Nurseries at Mayfield Farm located 15 miles east of St. Paul, we grow and have thoroughly tested all the varieties of Fruits, Ornamental Trees, Shrubs, etc., which we offer herewith. These Nurseries, the most northerly in the United States are located in a fertile valley, particularly adapted to growing all kinds of fruit trees and small fruits, shrubs and ornamental trees. In connection with them, we have large storage cellars and packing barns, and every facility for handling stock expeditiously. The varieties we offer have been selected with special reference to their hardiness and we are confident that all stock that stands our rigorous winters without injury will thrive and do well in all sections of the country. Our soil and climate are especially suited to growing hardy fruits, shrubs, etc., giving them that toughness of fibre and vitality of root to withstand with equal vigor the blazing sun of the South, the dry, scorching winds of the prairie and the severe freezing of the North. All varieties of fruit will not thrive in our latitude, peaches, pears and quinces being a notable exception. Consequently we list only those that we grow ourselves and which have proven hardy and prolific with us.

All trees, vines and bushes offered herein are one year old plants, well rooted, cut back to a suitable size for mailing, and sent postage prepaid by us at price quoted unless otherwise noted. When sent by freight or express customers pay charges. If stock does not reach destination in good condition, or mistakes are made and we are notified promptly on arrival, we will rectify all errors made by us. After delivery at destination in good condition our responsibility ceases. We would specially recommend the different collections which we offer, as they contain exceptional values. For General Price List of stock, see page 100.

Our Nurseries have been carefully inspected and found free from insect pests and diseases as will be seen by the accompanying certificate.

MINNESOTA EXPERIMENTAL STATION, DIVISION  
OF HORTICULTURE.

This is to certify that on November 14, 1901, the stock in the Nursery of L. L. May & Co., at the Mayfield Nurseries situated at Lakeland, Washington Co., State of Minnesota, was duly examined and it was found apparently free in all respects so far as can be determined by inspection from any contagious or infectious plant disease, or diseases or the San Jose scale, or other dangerously injurious insect, pest or pests.

R. S. MACKINTOSH, Asst. in Horticulture,  
Acting Inspector of Nurseries.  
Void after August 1, 1902.  
Subscribed and sworn to before me this 15th day of November, A. D. 1901.

JNO. A. VYE, Notary Public, Ramsey Co., Minn.

**Peerless.** Originated in Rice County, Minnesota, by J. G. Miller, a seedling of either Duchess or Wealthy. The fruit is large, round, well colored and first class for either cooking or eating. The tree is a good grower, with a heavy, dark green foliage and comes into bearing early. 30c each.

**Wolf River.** A new and beautiful variety which originated near Wolf River, Wisconsin. The tree is a strong grower, and an early and abundant bearer. Fruits of largest size, greenish yellow, heavily shaded with crimson. Keeps till Feb. 25c each.

**Wealthy.** Originated at Lake Minnetonka. One of the best trees for general planting we know of. As hardy as an oak, withstanding all conditions of climate, soil, etc., with great vigor. The tree is a fine upright grower which comes into bearing early and produces immense crops of fruit. Fruit large, dark crimson, flesh crisp, sub-acid, white tinged red, of unsurpassed quality. 20c each.

**Yellow Transparent.** A hardy Russian apple, medium size, roundish, oblate, slightly conical, skin pale yellow when fully matured, flesh tender, juicy, sprightly sub-acid; a free grower. 25c each.

**Bismarck.** This wonderful new dwarf apple is said to come from New Zealand. Its chief value is its early fruiting, color, appearance and perfect hardiness. A little tree not over a foot high has been known to bear a large apple a few months after planting. The apples are of very large size and beautiful rich golden yellow color, and of the most distinct and delicious flavor. Fine for planting in boxes or in the garden. 30c each, three for 75c.

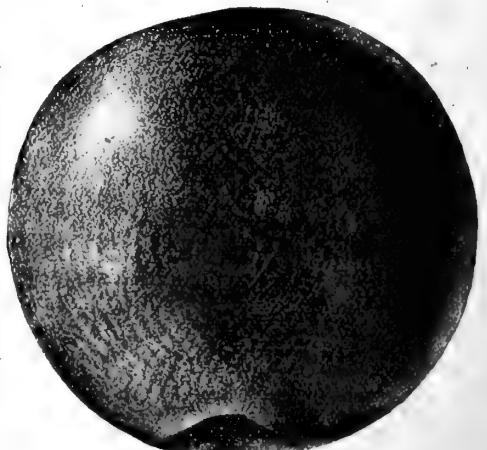
**Zero Collection of Choice Apples.**

All perfectly hardy; early and prolific bearers; trees of clean vigorous growth and fine form, producing choice fruit ripening from early summer till late winter.

These six hardy Ironclad trees for \$1.25 postpaid.

**Duchess of Oldenburg.** After many years trial in the Northwest this is acknowledged to be the best late summer or early autumn apple ever introduced. It is of medium to large size, round, streaked red and yellow, tender, juicy and pleasant. Bears shipping well and is unsurpassed for kitchen use. The tree is very vigorous, a fine grower and a young and abundant bearer. Of Russian origin and perfectly hardy. 25c each.

**Longfield.** (See cut.) Of Russian origin and a perfect iron clad in our nurseries. Fruit medium to large, yellowish green, with red stripes, and a decided blush on the sunny side. Rich, sub-acid flavor.



BISMARCK.

## GENERAL LIST OF STANDARD APPLES.

Unless Otherwise Noted, 20c Each.  
\$2.00 per doz. Postpaid.

### SUMMER RIPENING VARIETIES.

**August.** Of Minnesota origin. Wonderfully hardy, fruit of medium size, light yellow, heavily streaked with bright red. Ripens middle of August; quality unsurpassed. 25c each, \$2.50 per doz.

**Florence.** Of Minnesota origin. Very hardy, early, and an unusually heavy bearer. A spreading grower and highly ornamental. Ripens a little later than the August; color about the same. 25c each, \$2.50 per doz.

**Lou.** A seedling of the Duchess; an upright grower and a most profuse bearer; color greenish yellow striped with red. Quality very fine; ripens early. 25c each, \$2.50 per doz.

#### YELLOW TRANSPARENT.

(See description opp. page.)

### FALL RIPENING SORTS.

**Arabskoe.** One of the new Russian varieties. Medium size, roundish, skin dark red, with purple bloom; flesh white and juicy; very hardy. Ripens October and November.

**Berlin.** This kind originated from a seed of the Duchess planted in Berlin. The original tree has borne fruit nearly 30 years, and is still strong and vigorous, bearing good crops of fruit each year. A very early and abundant bearer. The fruit is fully as large as the Duchess, splashed more heavily with red, somewhat longer and of much finer appearance. Tree as hardy as the hardiest. Ripens Sept. 1st to Nov. 1st.

**Borovinka.** Resembles the Duchess in form, size and color, but ripens fully a month later. The flesh is finer, less acid and a much better eating apple. An early and full bearer and a true iron-clad.

**Charlamoff.** Of Russian origin. A fine hardy tree bearing large, oblong fruit streaked with carmine; of excellent quality. Ripens September.

**October.** A chance seedling from crab seed. Fruit very large, red; fine for cooking or eating, with a clear acid flavor. Ripens late fall. 25c each, \$2.50 per doz.

**Perfection.** A Wisconsin seedling. A vigorous, symmetrical, hardy grower and an early and reliable bearer. Fruit of large size, handsomely striped and splashed crimson on pale yellow. Flavor very good, sprightly, sub-acid. Ripens August and September.

### WINTER SORTS.

**Anasin.** This valuable kind is of Russian origin. The apple is of medium size, rich flavor and a good keeper. Season December to February. Tree an upright, strong grower.

**Antonovoka.** Of Russian origin. Tree perfectly hardy, a true iron-clad. Fruit large, slightly oblong; when fully ripe of a light golden color. In season February and March.

**Cross.** A Russian iron-clad sort. Fruit medium to large, yellowish green striped and splashed red. A handsome fruit of good flavor. A long keeper, being at its best from February to April.

**Gideon.** Originated near Lake Minnetonka, this state, about 15 years ago and one of the very best winter sorts. The fruit is medium to large, round, yellow, with a red blush on the sunny side; fine, juicy, sub-acid flavor, keeps till well toward spring.

**Hibernal.** RUSSIAN. Large, showy fruit, striped red and handsomely colored. Ripens December.

**Iowa Blush.** Tree a perfect iron-clad. Fruit of medium size with whitish red cheek.

**Malinda.** An exceedingly hardy variety, one of the best for the winter. The fruit is of medium to large size, lemon yellow crimson blush, fine grained and sweet. In season February to May.

**McMahon's White.** Fruit large, nearly white. Very pale green, sometimes slightly tinted red. Sub-acid and of excellent quality.

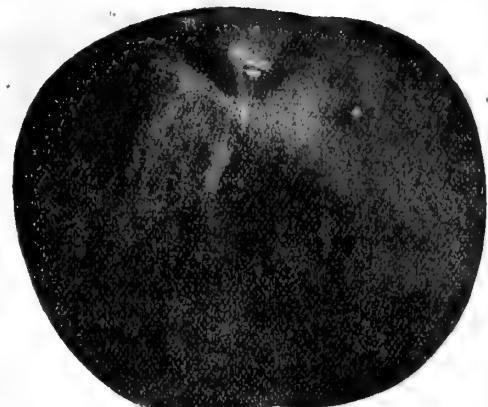
**Okabena.** A seedling of the Wealthy, fertilized by Duchess. The fruit is medium in size, slightly flattened, very highly colored where exposed to the rays of the sun. The flesh is fine grained; as an eating apple cannot be excelled.

**Patten's Greening.** A seedling of the Duchess, originating in northern Iowa. Tree very hardy and productive. Fruit full medium, olive green with some dull red stripes and splashes.

**Peter.** (See cut.) This is another Minnesota seedling which originated with Peter Gideon, the pioneer in apple culture in this state. If any variety of Minnesota origin deserves to be propagated and planted more extensively than others, that one is The Peter, as it possesses all the good qualities of all the good sorts, and none of the defects so common in many good sorts. It is harder than the hardest. The tree is stout, erect, symmetrical, healthy, vigorous grower and immensely productive. The fruit is large, red, sub-acid and a very long keeper. The Peter has endured 45 degrees below zero without the least injury, and in 1885 at Excelsior bore a crop of fruit when Duchess and Wealthy were killed to the ground. 25c each, \$2.50 per doz.

**Recumbent.** Of Russian origin. A fine, hardy tree and early bearer. Fruit resembles the Duchess.

**Rekka Malenka.** The tree is a most beautiful erect grower and as hardy as the Duchess. Fruit of medium size, yellow, and of excellent quality.



**PETER.** The Hardy Minnesota Seedling.  
Our illustration is from a photograph showing fruit  
2-3 of natural size.

**Scott's Winter.** Tree vigorous and productive. Fruit of medium size, bright red, crisp and spicy.

**Wisconsin Russett.** Tree perfectly hardy, a fine grower and an annual bearer. Fruit of good size, small core, excellent flavor. Color a true russett.

### IRON-CLAD APPLE ORCHARD.

For large planters and others who wish a constant supply of fruit from early summer till late winter, the following collection will be found especially valuable. At prices quoted we ship by express or freight at customer's expense.

10 Duchess of Oldenburg.

5 Gideon.

5 Yellow Transparent.

10 August.

15 Longfield.

10 October.

25 Wealthy.

5 N. W. Greening.

10 Peter.

5 McMahon's White

100 trees for \$15.00; one-half collection for \$8.00; 2 collections for \$25.

**CRAB APPLES.** Valuable on account of their immense crops of acid fruit which is very fine for jelly, preserves, etc. Perfectly hardy everywhere. 20c each, \$2.00 per doz.

**Early Strawberry.** Tree a vigorous, upright, symmetrical grower and very hardy. Fruit size of Transcendent, red striped, crisp, juicy, excellent for eating and for jelly. Season August.

**Gen. Grant.** (See cut.) Fruit of largest size, bright red, acid, making the finest jelly.

**Hyslop.** Large, deep crimson, one of the most beautiful. October to January.

**Hewes Virginia.** Fruit rather small, round, dull red and dotted with white. For cider.

**Martha.** Beautifully glossy yellow, shaded bright red. Mild, clear tart flavor. October.

**Quaker Beauty.** A hardy, strong growing sort, which bears large crops of fine fruits; considered by large growers one of the best. December to May.

**Red Siberian.** About an inch in diameter, grown in clusters. Color yellow, with bright scarlet cheek; bears when young and abundantly afterwards. August and September.

**Transcendent.** Immensely productive, bright red, one of the best and most popular. October.

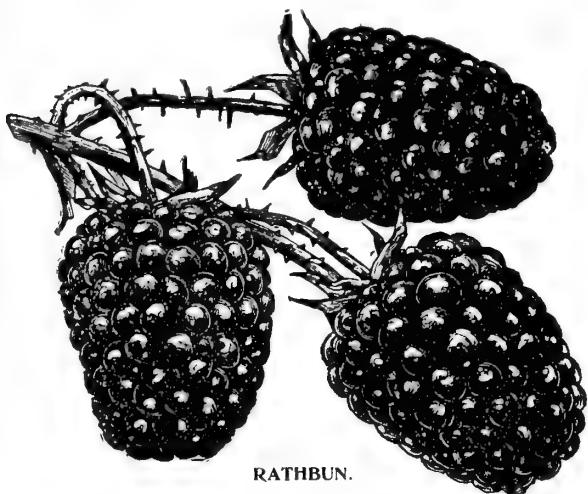
**Van Wyck Sweet.** Fruit very large; skin yellowish white, very sweet and tender.

**Whitney.** Extra large, glossy green, splashed with carmine; firm, juicy and pleasant. August.

**Yellow Siberian.** Similar to the Red Siberian except in color, which is a pure bright orange yellow. A very prolific bearer.



GEN. GRANT CRAB.



RATHBUN.

## BLACKBERRIES.

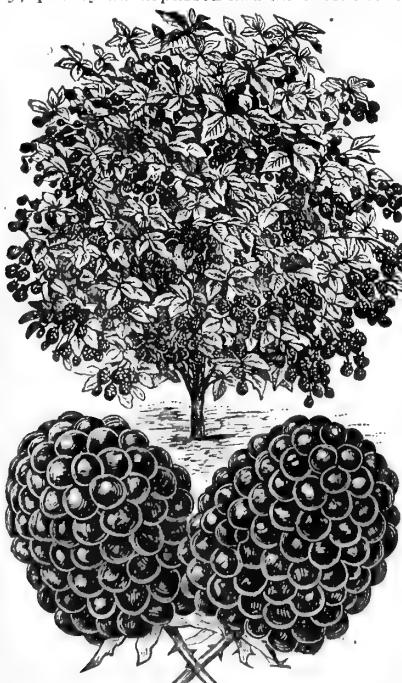
These should be planted in rows 6 to 7 feet apart, and 3 to 5 feet in the rows. Keep the ground light and rich. Pinch the canes back when they have reached 4 feet in height. Price, unless otherwise noted, 20c each; \$1.00 per doz., postpaid. For prices by express or freight see price list page 109.

**The Everbearing Tree Blackberry.** Unlike others it requires no stakes, and is by far the most productive, hardiest, finest flavored and handsomest blackberry we have ever grown. It grows in upright tree form to a height of six or seven feet, and produces its large, delicious berries in the greatest abundance for several weeks during the summer. It is ornamental as well as useful, and its habit of growth, hardiness and enormous yield make it a most desirable variety. A few of these trees will keep a family supplied with delicious berries the entire season. Our stock is extra strong, and will generally fruit heavily the first year, and is always certain to bear abundantly of its mammoth delicious berries the second season. Don't fail to order the Everbearing Tree Blackberry. 15c each, \$1.50 per dozen.

**Ancient Briton.** A perfectly hardy variety, very vigorous and healthy. Bears immense crops of medium size fruit of the most luscious flavor, that bear shipping well and bring the highest market price.

**Early Harvest.** The earliest ripening variety grown. An enormous bearer and a good shipper. Fruit medium size and of fine quality. Requires winter protection in the North.

**Eldorado.** A very vigorous-growing, perfectly hardy variety, enduring our severe winters without injury. Fruit very large, borne in clusters which ripen very evenly, quality unsurpassed and an excellent shipper.



MAY'S EVERBEARING TREE BLACKBERRY.



## RANDELL TREE Currant

**Erie.** A vigorous, hardy variety, succeeding well everywhere. Polite, age clean, healthy and free from rust. Fruit large, nearly round and of fine quality. A good second early variety.

**Iceberg.** This is the most wonderful fruit novelty of the century. The bushes are strong and thrifty, and bear abundantly very early in the season. 20c each, \$2.00 per doz.

**Lucretia Dewberry.** One of the low-growing, trailing blackberries. The plant is perfectly hardy and remarkably productive, with large, showy flowers. The fruit is from 1 to 1 1/2 inches long by 1 inch in diameter, soft, sweet and luscious throughout, ripening very early, before raspberries are gone. Plants should be well mulched with straw to keep the fruit from the ground.

**Minnewaski.** Early, hardy and most productive. Fruit large, tender, juicy and sweet.

**Ohmer.** A strong grower, hardy and productive. Fruit large and of fine flavor.

## Rathbun Blackberry. (See cut)

After a trial of this variety we are so impressed by its great value that we unhesitatingly recommend it. The plant is very vigorous, branching naturally, producing an abundance of fruiting canes, and an abundance of large, luscious fruit. The fruit is very large and handsome, intense black, with a very high polish, and without any hard core, juicy and high flavored. 20c each. \$2.00 per doz.

**Snyder.** Extremely hardy, enormously productive, finest flavor, ripening early.

**Stone's Hardy.** Originated in Wisconsin, and is very hardy, sweet and productive, weighing down its strong canes with immense crops of delicious fruit.

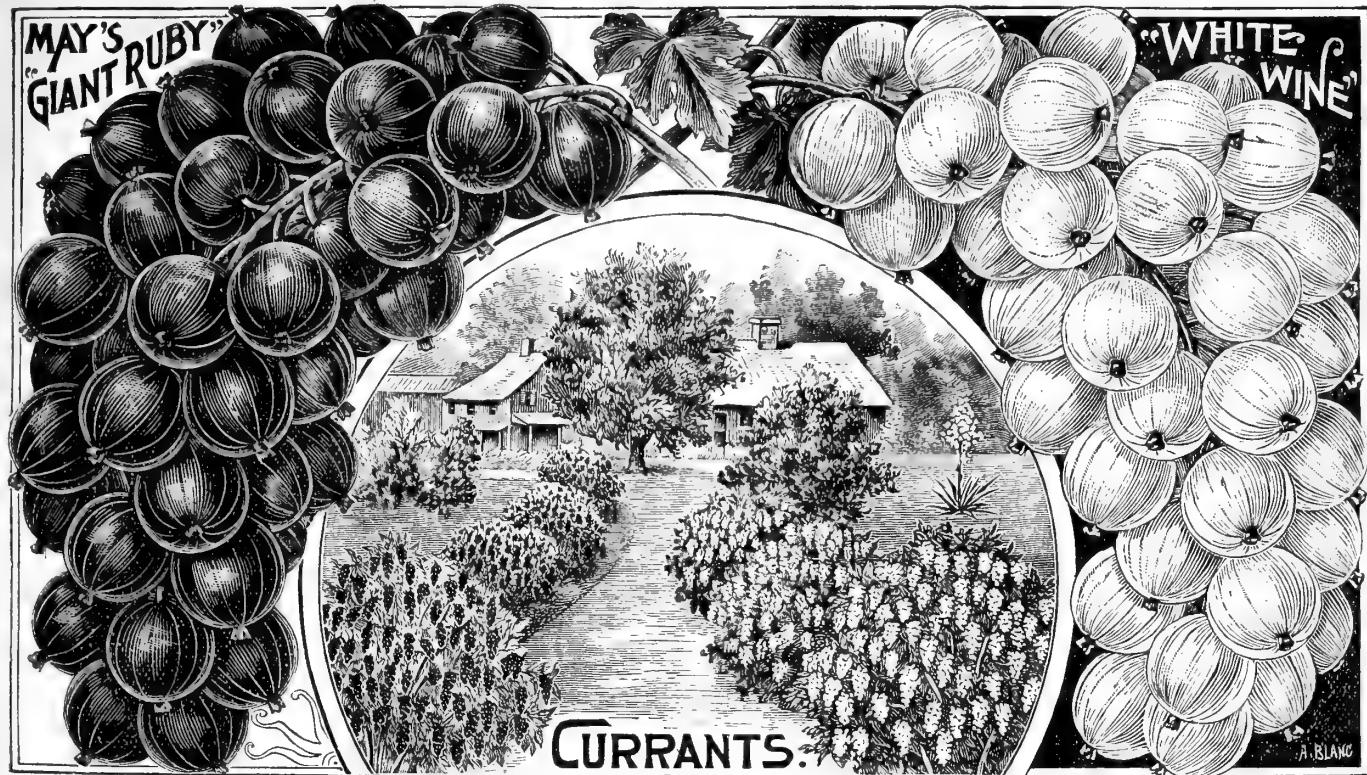
**Surprise.** (See inside back cover.) This is the hardiest, largest, earliest and most productive variety we have ever seen. After repeated tests for several years we unhesitatingly recommend it as the best variety for general cultivation ever grown. The fruit is very large, glossy black, of firm substance, fine flavor and an ideal shipping variety, making it one of the most profitable sorts that can be grown by market gardeners for the early market or for the shipping trade. It is equally good for private gardeners, and an ideal sort for canning and preserving on account of its rich flavor, its fine form, and its coreless nature. Its fine fruit always commands the highest market price, and wherever introduced the demand for it has been very great. 15c each. \$1.50 per doz.

**Taylor.** Berries large, of fine flavor, canes of strong growth and hardy.

**Wachusett.** A hardy, vigorous variety, free from thorns, producing fruit of medium size.



LOGAN BERRY



**Currants.** Hardy, easily cultivated, responding liberally to cultivation, and standing neglect well, no class of plants grown will afford better returns for the investment, either for home use or the market than these. They should be had in every garden and will pay handsomely for market. Plant four feet apart in rich ground, cultivate well or mulch heavily. Prune out old wood so that each remaining shoot will have plenty of room to grow in. Powdered white Hellebore dusted on the plants will destroy the currant worm.

#### TWO FINE CURRANTS FOR HOME OR MARKET.

**May's Giant Ruby.** The largest of all the red currants ever introduced. The bushes are unusually strong in habit of growth and bear immense clusters of berries in the greatest abundance. In color the berries are a most beautiful shade of bright red; and in formation the bunches are so immense that they resemble more a small bunch of rich, red grapes than they do a bunch of currants. Many fruit growers are now planting largely of this variety in place of the older sorts, on account of the enormous yields which are certain to be the result. **You will make a great mistake if you don't secure a few plants of White Wine and Giant Ruby this year.** 25c each, \$2.50 per doz.

**White Wine.** (See cut.) A splendid white variety that bears great bunches of lovely pearl white currants of the most delicious flavor. This and Giant Ruby we consider by far the best of all the currants in both quality and yield, surpassing even the well-known and valuable Fay's Prolific, which has been such a great favorite the past few years. Our White Wine is by far the hardiest white sort that can be obtained, and is especially desirable for the middle and northern states on that account. 25c each, \$2.50 per doz.

**Fay's Prolific Currant.** (See cut.) This is certainly one of the most prolific currants we know of; the bunches and fruit are extra large, the fruit a bright rich red and of the most delicious quality. It is very hardy, and therefore adapted to all parts of the West and Northwest. Price of strong stock, 10c each, \$1.00 per doz.

**Black Champion.** Very productive, large berry and large clusters; excellent quality; productive. 10c each, \$1.00 per doz.

**North Star.** An extra strong growing red variety, which originated in this state. The bunches average 4 inches in length and are freely produced. Combines extreme hardiness, vigorous growth, extra quality and great productiveness. 10c each, \$1.00 per doz.

**Wilder.** A new variety of exceptional merit which should be planted extensively. Plant very strong and productive. Fruit of largest size, bright, attractive red, which hangs on the stem with remarkable tenacity. Flavor the finest. 25c each, \$2.50 per doz.

**White Grape.** This old and well known variety possesses many points of excellence, such as hardness, a prolific bearer, fruit of fine form and good keeping qualities, and of excellent flavor. 10c each, \$1.00 per doz.

**Cherry.** This is another old and tested variety, well known and highly valued by all fruit growers. It is the leading red variety and a great favorite. 10c each, \$1.00 per doz.

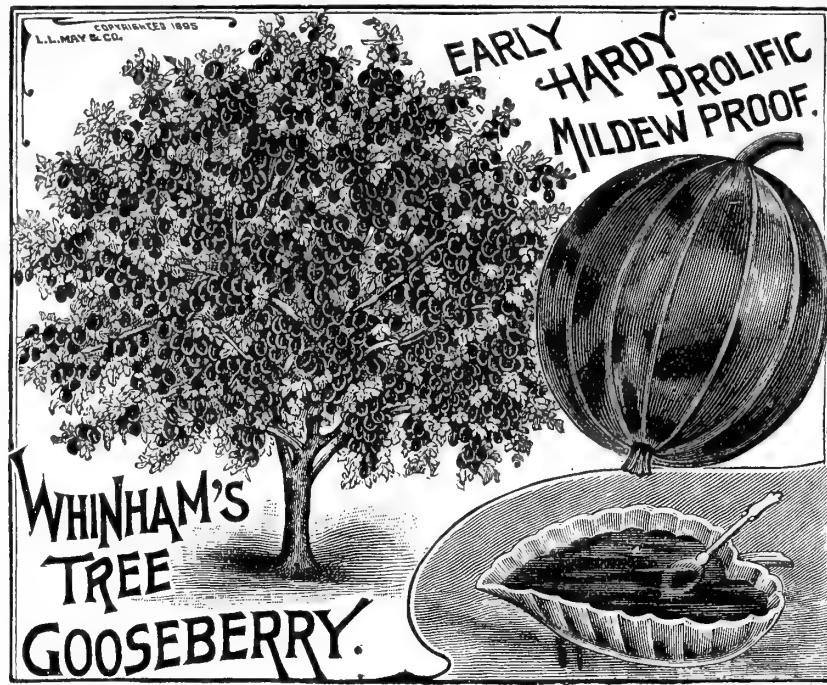
**Great Crandall Tree Currant.** (See Cut) A most valuable variety. It grows to a height of 7 or 8 feet and forms a handsome tree-like bush, such as shown in our illustration. In addition to being enormously productive it is absolutely proof against the currant worm and all other insects. The fruit, which is of a purplish black color, is very fine for all cooking purposes, and is unsurpassed for pies, jams or jellies. The U. S. Agricultural Report says: "It is an enormous bearer, the fruit large, fully one-half inch in diameter. It is well adapted for sauces, pies, jellies, etc., and is perfectly hardy." We think this is about all that is desirable in a currant and heartily recommend it to our customers. **A warning**—We are headquarters for this currant and all who desire it true to name should send their orders direct to us. 20c each, \$2.00 per doz.

**The New Logan Berry.** (OR BLACKBERRY RASPBERRY.) (See Cut) A wonderful fruit. This is a strong, vigorous grower, quite hardy, and is a valuable addition to our small fruits. It originated in California, and seems to be a true hybrid between the raspberry and blackberry, partaking of the nature of both in quality and appearance, but of finer and more delightful flavor. The berries are the size of the largest blackberries and of a rich, dark, purple red color. It is an abundant bearer, the fruit has very few seeds, ripens early (before blackberries), and is of such excellent quality for eating and cooking that it has brought four times the price of other berries, and will probably continue high for several years. 20c each, 3 for 50c, 7 for \$1.00.

**MINNESOTA EXPERIMENTAL STATION**, Division of Horticulture.

This is to certify that on Nov. 14, 1901, the stock in the nursery of L. L. May & Co., at the Mayfield Nurseries situated at Lakeland, Washington County, state of Minnesota, was duly examined and it was found apparently free in all respects so far as can be determined by inspection from any contagious or infectious plant disease or diseases, or the San Jose scale or other dangerously injurious insect pest or pests. R. S. Mackintosh, Asst. in Horticulture, Subscribed and sworn to before me this 15th day of Nov. A. D. 1901. Jno. A. Yye, Notary Public, Ramsey Co. Minn. Acting Inspector of nurseries.





## WHINHAM'S TREE GOOSEBERRY.

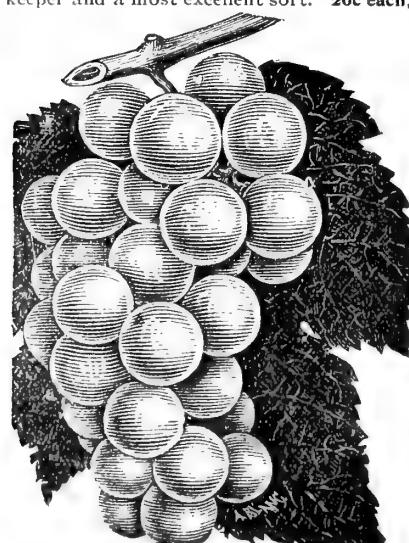
**Whinham's Tree.** A Magnificent Variety that has Created a Greater Sensation than anything in the Fruit Line that has ever been introduced. It grows in upright tree form throwing its branches straight out or upright, holding the mammoth berries far above the ground. The fruit is of immense size, often measuring 1 1/2 to 2 inches in length, a rich deep red in color, and resembles more a peach or red plum than a gooseberry. In flavor and quality it is unequalled, being entirely free from the coarseness so often found in the smaller sorts.

Another and most valuable feature of this splendid berry is its hardiness. It has been thoroughly tested in all sections of America and proven to be perfectly hardy, standing the severe winters of the North without any protection. In addition to this it is mildew proof, never showing the least sign of Mildew, rot, blight or any other disease so common to this fruit. It attains a marketable size quite three weeks earlier than any other gooseberry, consequently commands the highest price, and is now generally admitted to be the heaviest cropping variety in cultivation, and is much prized in the green state.

It has never been known to fail in producing a splendid crop, even in seasons when other varieties were blank. This Gooseberry has a peculiar advantage over others by coming into leaf sometime before it flowers, consequently the foliage protects the bloom from destructive spring frosts. Indeed taking everything into consideration, it is a gooseberry in the highest state of perfection and a variety that every gardener, farmer and fruit grower in America should have. One yr. old plants 25c each, \$2.50 per doz., 2 yr. old plants 40c each, \$4.00 per doz.

**Delaware.** Bunches small and compact. Berries rather small, round, thin skinned, light red. Flesh very juicy, sweet, spicy and delicious. 15c each, \$1.50 per doz.

**Empire State.** Very large bunch, medium size berries, juicy, rich, sweet and sprightly. A long keeper and a most excellent sort. 20c each, \$2.00 per doz.



WHITE DIAMOND.

For General Price List of Nursery stock to be sent by Freight or Express see page 100.

**GOOSEBERRIES.** Plant in good, rich soil and give a liberal mulching of manure each year. In order to obtain fine fruit, prune regularly each year. To prevent mildew, spray bushes as soon as leaves appear and several times during the season with potassium sulphide, one ounce to four gallons of water. For prices by express or freight see General List page 109.

**Chautauqna.** A strong, vigorous, productive variety of recent introduction. Fruit large, light yellow, free from spines and hair, thick skinned, sweet and of exquisite flavor. 35c each, \$3.50 per doz.

**Columbus.** A strong, robust grower, quite free from mildew. Fruit of largest size; oval, greenish yellow and of finest quality. 25c each, \$2.50 per doz.

**Downing.** An old favorite, and one of the best for home or market use. Fruit large, handsome pale green, of finest quality. Plant vigorous and free from mildew. 15c each, \$1.25 per doz.

**Houghton.** Enormously productive. Fruit of medium size, roundish oval, pale red, sweet and tender. 15c each, \$1.25 per doz.

**Pearl.** A new variety, resembling the Downing, but rather more prolific than that sort. Plant very vigorous and healthy. 25c each, \$2.50 per doz.

**Red Jacket.** (See back inside cover.) A true American sort ever introduced. The fruit is of the largest size, fully as large as Whinham's Tree, of most beautiful and attractive appearance, and of most delicious flavor. The plant and foliage are at all times vigorous, clean, healthy and mildew proof. It has been tested in many sections, under many trying circumstances and has at all times and in all places, proven perfectly hardy and enormously productive, the fruit hanging on until fully ripened. The berries are a bright showy red, very striking and attractive and command the highest prices in all markets. It is the gooseberry for the million and is a formidable rival to its famous English cousin the Great Whinham Tree. 25c each, \$2.50 per doz.

**Smith's Imp.** A good grower and exceedingly productive. Fruit large, pale green, skin thin, quality the finest, being unsurpassed for table use and cooking. 15c each, \$1.25 per doz.

**GRAPES.** No class of fruit is more easily grown than the grape, and none produces finer fruit year after year. If you have room for only one fruit in your garden, that one should be a grape. The grape is the most healthful fruit grown, and every one having a family should have an abundance of this choice fruit. We offer a few choice varieties, which experience and tests prove well selected for this latitude. For prices by express or freight see page 109.

**Brighton.** Large, well-formed clusters. Fruit red and of excellent flavor. Ripens early, 15c each, \$1.50 per dozen.

**Campbell's Early.** Of strong, hardy, vigorous growth, It ripens early, producing handsome clusters of large black grapes of most excellent quality. The fruit ripens early and keeps perfectly for many weeks. As a dessert fruit it is the acme of perfection. The cluster and berry are of large size, of a glossy black with a beautiful blue bloom. Seeds are small and few in number, pulp sweet, juicy and delicious and free from foxiness. 30c each, \$3.00 per doz.

**Champion.** Very early. Bunch and berry of medium size, with thick skin. 15c each, \$1.50 per doz.

**Concord.** The well known standard variety which succeeds well wherever the grape is grown. 10c each, \$1.00 per doz.

**Martha.** Bunches and berries of medium size, greenish white with a thin bloom. Flesh tender, with a very little pulp, juicy, sweet and rich. Ripens with the Concord. A most hardy and prolific sort. 20c each, \$2.00 per doz.

**Niagara.** One of the best white grapes grown. Perfectly hardy, vigorous and productive. Bunch and berries large, greenish white, changing to pale yellow when fully ripe. Skin thin. 20c each, \$2.00 per doz.

**White Diamond.** Valuable for all sections of the United States, as it is of healthy habit and perfectly hardy. The berries are extra large, of a creamy white color and of the richest and most delicious flavor. Withstands mildew and diseases, and is a sure cropper in every locality. For the middle and northern states we believe it to be the best variety of its color that has ever been introduced. 25c each, \$2.50 per doz.

**Worden.** A splendid large grape of the Concord type, but earlier, larger in bunch and berry and of decided better quality. Vines harder than the Concord and in every way as healthy. 15c each, \$1.50 per doz.

**Japanese Wineberry.** This interesting fruit belongs to the Raspberry family, and is a splendid grower, hardy and very prolific. The canes are covered with purplish-red hair. The fruit is borne in clusters, and each berry is at first tightly enveloped by a large calyx, forming a sort of burr, which is also covered with a purplish-red hair so thickly as to present the appearance of moss rose buds. When the fruit matures, this bud pops open and displays the fruit. In color it is a bright red, and the plant is beautiful. Very productive. Berry is firm, thus being a good shipper. In season very late, ripening after all other Raspberries are gone. 15c each, \$1.50 per doz.



CAMPBELL'S EARLY.

## RASPBERRIES.

These thrive in any ordinary soil that will produce a good corn crop. Land should be thoroughly prepared and enriched, ground bone being one of the best fertilizers. Plant in rows 5 feet apart and 3 to 4 feet in the rows. Keep well cultivated and free from weeds and suckers. As soon as they are through bearing cut out the old wood so as to give more vigor to the young canes.

**RED VARIETIES.** For prices per 100 see list page 109.

**Black Hills.** (See inside back cover.) (PERFECTLY HARDY.) The grandest and most beautiful berry we have ever seen. It originated in Dakota and is almost as hardy as an oak. The fruit is of a rich, red color, extra large and of the most delicious quality. One of its best points is its wonderful yields and great length of time it will bear during the summer. The plants are vigorous in growth and so hardy that they have for seasons stood our severe winters in the Northwest without any protection at all, always bearing heavily and surpassing any other sort in both yield and flavor. 15c each, \$1.50 per doz.

**Cuthbert.** Plant strong, vigorous and perfectly hardy. Fruit of largest size, conical, rich crimson, of a sweet, rich luscious flavor. The best shipper known.

**Hansell.** Extra early. A good grower, hardy and prolific. Fruit of medium size, bright crimson and fine quality. An excellent shipper.

**Loudon.** A Northern variety, which will in all probability take the place of all other Red Raspberries, with the possible exception of our Black Hills. It was originated by F. W. Loudon, of Wisconsin, who says: "The Loudon is a seedling of Turner, crossed with Cuthbert; berry is large, color beautiful. It yields 200 bushels to the acre, and may be shipped to New Orleans in good shape."

**Marlboro.** This is a strong, vigorous grower, immensely productive and perfectly hardy. The fruit, which ripens early, is of the largest size, of a light crimson color, of good firm quality, rendering it extra good for shipping.

**Miller's Red.** (See cut.) This is one of the new varieties of such exceptional merit that we willingly accord it a high place in the list of hardy varieties adapted to our cold Northwest. The canes are of medium height, strong, healthy, vigorous and well adapted to carrying their immense loads of fruit. The berries are of large size, a beautiful bright red, hold their color well to the end of the season, very small core, and of very firm substance enabling them to stand shipping-well. The flavor is rich and delicate and they are very fine eaten raw with cream or preserved, or made into jelly. Many people consider it the most delicious flavored sort ever grown. We can highly recommend this for home or market use and believe it possessed of unusual merit. 15c each, \$1.50 per doz.

**Rancocas.** An old standard variety, prized in many sections on account of its enormous crop of fruit which ripens very evenly.

**Reliance.** A standard sort, grown largely on account of its hardiness and fine shipping qualities.

**Shaffers Colossal.** A strong, hardy grower which is immensely productive. Fruit large, of a dull purplish unattractive color.

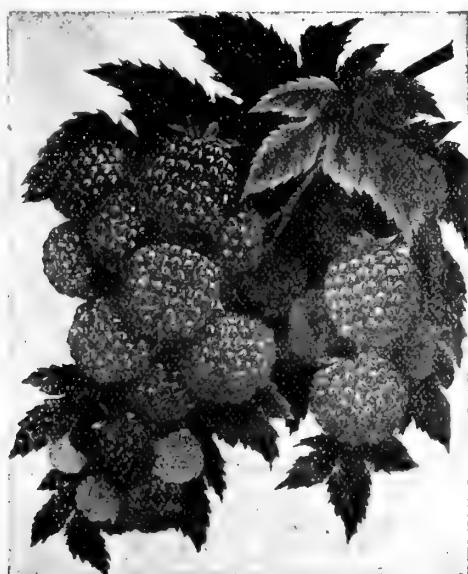
**BLACK CAPS.** Prices, unless noted. 10c each, 75c per doz., for prices per 100 see list page 109.

**Cumberland.** Has been thoroughly tested and proven perfectly hardy in all sections. It is a strong grower, throwing up stout, stocky canes. Fruit of the largest size, of great firmness, making it an excellent shipper. 10c each, \$1.00 per doz.

**Gregg.** Fruit large, good quality and a good keeper, ripening in mid-season. Plant hardy, vigorous and a great yielder.

**Eureka.** Ripens early, fruit firm, of large size and good quality. A strong grower, healthy foliage, hardy and productive.

**Kansas.** A strong, vigorous grower, bearing immense crops of fruit. Berries of large size, jet black and almost free from bloom. Fruit very firm and commands a high price in market. The best second early variety grown.



GOLDEN MAYBERRY.

**Mam Cluster.** An old and much prized variety on account of its hardiness and its fine fruit produced in large clusters.

**Nemaha.** The bushes are remarkably strong growing and healthy. The fruit is large, firm and of delicious quality.

**Ohio.** An old favorite variety, and by many still considered the best grown. It is perfectly hardy, very productive and the fruit is firm and of delicious flavor.

**Palmer.** The earliest ripening variety. Fruit of good size and quality. Plant vigorous, productive and hardy.

**Mayfield Prize.** (See inside back cover.) In this valuable addition to our list of hardy Black Caps, we have indeed procured a prize of the first water, without spot or blemish. This wonderful fruit combines all the good qualities of all the good varieties ever introduced and is certainly the berry for the millions. It is perfectly hardy, notwithstanding our severe winters without the least damage, as well as the extreme heat of Southern States. It is extremely early making it invaluable to fruit growers and others who want a good fruit for the early market. The berries are of good size, firm texture and great keeping qualities, making it most excellent shipping sort. Its appearance is most handsome being a deep glossy, jet black, nearly free from bloom. On the market in competition with Gregg, Ohio, Mam Cluster, and other standard varieties it commands a much higher price and is always most eagerly sought after by the best trade. It certainly is the finest berry we have ever grown and one which we are pleased to recommend to everyone. 15c each, \$1.50 per doz.

**Golden Queen.** A beautiful, large golden yellow variety, a seedling of the Cuthbert and surpassing that excellent variety in size, beauty and adaptability to all sections; succeeding well everywhere. The plants are strong and productive. 10c each, \$1.00 per doz.

**Japan Golden Mayberry.** (See cut.) The earliest fruit known, ripening in advance of the strawberry. A most novel fruit, forming a shrub-like bush six to eight feet high, producing all along its branches large, white blossoms, which are soon followed by large, sweet, glossy, golden, semi-transparent berries. The bushes do not die down after bearing, like the canes of the raspberry and blackberry, but continue to bear fruit for many years, like the Currant and Gooseberry. Produced by Luther Burbank, of California, and is supposed to be a Hybrid of a Japanese species of Raspberry (*Rubus Palmatis*) and the Cuthbert. The original stock, consisting of six large plants and forty-eight small ones, was sold for \$800.00. Fine plants. 20c each, \$2.00 per doz.



**Bederwood.** A stocky robust plant, perfectly healthy and entirely free from rust and blight. An enormous yielder producing large, round, perfectly formed berries, of a light scarlet color and fine flavor. Moderately firm, but not as good a shipper as some other sorts.

**x Crescent.** This old time favorite seem to retain its popularity and leadership with the great mass of fruit growers. It is very hardy and prolific.

**Enhance.** Plants very hardy, vigorous and productive. Fruit of good size and firm making it a valuable market and shipping variety.

**x Eureka.** (See cut.) This is a wonderfully hardy, vigorous, variety possessing many points of merit. In fields where other varieties were totally killed by frost, this sort produced a full crop of good fruit. The fruit is very large, of a beautiful bright crimson color, of firm texture and most delicate flavor. Eaten raw or for preserves, it has no superior and for shipping purposes it is unsurpassed. It ripens very late and this fact alone should recommend it to all who grow for the market. It invariably commands a much higher price than any other sort and should be extensively planted.

**Glen Mary.** Berries of largest size often flattened, bright red on surface, light red in center, sweet, rich and of good flavor. Season, medium to late. The plant is very vigorous, and productive. An excellent variety for the home garden.

**x Haverland.** Claimed by many to be the most productive variety ever introduced. The plant is very vigorous in growth and clear and healthy in foliage. The fruit is of large size, light color and good flavor. It will not stand long shipments, but for home use or near by markets it is unsurpassed.

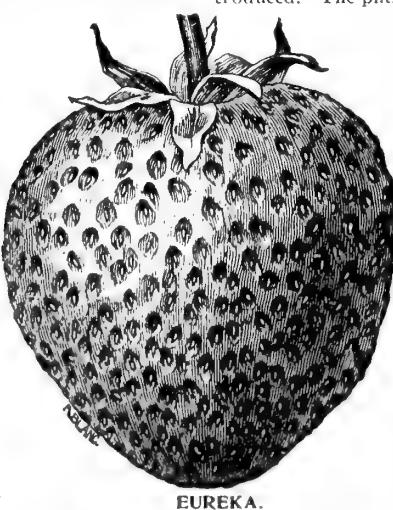
**Lovett.** The plant is a nice strong grower, with bright clean foliage. It is very productive, ripens mid-season and continues in fruit a long time. The berries are of medium size, conical, bright crimson, very firm and of excellent quality. It is particularly valuable for canning and for shipping purposes as it retains its form and color a long time.

**Michel's Early.** The earliest sort we have grown. The fruit is small, but of delicious flavor. The plant is a strong grower. An excellent sort for fertilizing imperfect varieties and particularly valuable on that account.

**Rio.** Early, large, good flavor, and on account of its large grown calyx makes a most beautiful fruit in the box.

**Splendid.** The plant is a healthy luxuriant grower and bears abundantly. The fruit is of large size, above the average in quality and appearance, very firm and can be shipped long distances. It is valuable both for home use or market. Ripens second early

See General Price List page 109.



EUREKA.

**Improved Russian Mulberry.** (See cut.) An ornamental, hardy, fruit-bearing tree for America. Suitable for all sections of this country. Fruit larger than blackberries and of delicious flavor. This valuable fruit and ornamental tree was brought to this country from Western Russia by the Mennonites. The tree is a very rapid grower. It grows to be very large, often reaching the height of fifty feet, and from three to five feet in diameter, and is perfectly hardy. It commences to bear when only two years old, and is a prolific bearer, the fruit being larger than the average blackberry. They have a fine aromatic flavor and sub-acid sweet taste, and are used for dessert as we use blackberries or raspberries. Fine healthy stock which will fruit in a year or two. 15c each, 2 for 25c.

### STRAWBERRIES.

These delight in good, rich, moist soil, but will grow on any soil capable of growing good general crops. By planting early, medium and late varieties, the grower is supplied with fruit the entire season. The soil should be thoroughly pulverized and well prepared for planting. As a fertilizer we recommend well rotted barnyard manure as superior to all others.

For field culture plant in rows 3½ feet apart each way 18 inches apart in the rows. For garden culture 18 inches apart each way leaving a pathway every third row. After the ground is frozen in the fall cover with leaves, straw or litter, which remove in spring before growth commences.

Strawberries are all perfect or imperfect, in other words male or female. Varieties marked X are imperfect and destitute of pollen and must be planted near perfect flowering varieties, or they will be barren of fruit. Prices unless otherwise noted, 25c per doz., or 50 for 60c by mail. For prices by express see page 109.

**x Van Deman.** Most prolific bearer. Fruit of good size, firm and beautiful, valuable as a shipper. Ripens early.

**x Warfield.** One of the best and most profitable varieties yet introduced. The plant is strong and vigorous in growth, clean and healthy in foliage. The fruit is of large size, beautiful appearance, delicious flavor, firm texture rendering it unsurpassed for shipping purposes.



## Rocky Mountain Dwarf Cherry.

A fruit for all people and all sections. Certainly the greatest novelty in the fruit line ever introduced. The fruit is a rich red and changes to almost black when ripe, and in size averages somewhat larger than the English Morello; season of ripening being after all others are gone. In flavor it is akin to the sweet cherries, and, when fully ripe, for preserves or to eat out of hand it has no equal in the line of pitted fruits, and is conceded superior to any fruit grown in this section. It has the best system of roots of any shrub or tree we have ever planted, which accounts for the wonderful productiveness of plants at such an early age. It bears every year, and is as prolific as a currant bush, 16 quarts having been picked from a three year old tree. Grows to a height of four feet, and has never been affected by insects, black knot or other disease. 25c each, 3 for 50c.

## Improved Dwarf Juneberry.

(See cut.) This fruit is a native of Alaska, and therefore of the most iron-clad hardiness. It is a quick grower, forming dense clumps of bushes which seldom grow higher than a man's head, though they bloom and bear heavily when only one or two feet in height. The berries are the size of ordinary cherries being green in an unripe state, changing to bright scarlet, and, when fully ripe, to a dark purple blue; and as the three colors hang in clusters upon a bush they present a most charming and appetizing sight. After the berry is fully ripe it will keep on the bush in perfect condition for two or three weeks without decaying or dropping. It is exceedingly sweet and has a peculiarly rich and luscious flavor. It is the most charming fruit to eat raw from the hand we have ever tasted. Aside from its value as a fruit it is one of the most showy flowering shrubs, as it blooms very early in the spring—before leaves start—and every stem and branch of the bush is a solid wreath of delicate feathery whiteness, so numerous are the flowers. 20c each, \$2.00 per doz.

**Buffalo Berry.** (See cut.) A hardy fruit, discovered on the banks of the Missouri, in the Dakotas. It is as hardy as an oak and makes a handsome shrub, as well as a splendid fruit. It grows to a height of from 8 to 12 feet, and can be raised with success in any section of the United States. Early in the spring it begins to blossom, and its beautiful appearance never fails to attract attention. Later comes the fruit, which is borne in great bunches, resembling somewhat a great cluster of currants. The fruit is simply delicious, and for making preserves, jellies, pies, etc., nothing can surpass it. It continues fruiting all summer, and can be gathered at any time you wish them. 15c each, \$1.50 per doz.

## Cranberry High Bush.

This is a most ornamental plant, the foliage being very dense, dark green. The flowers which are pure

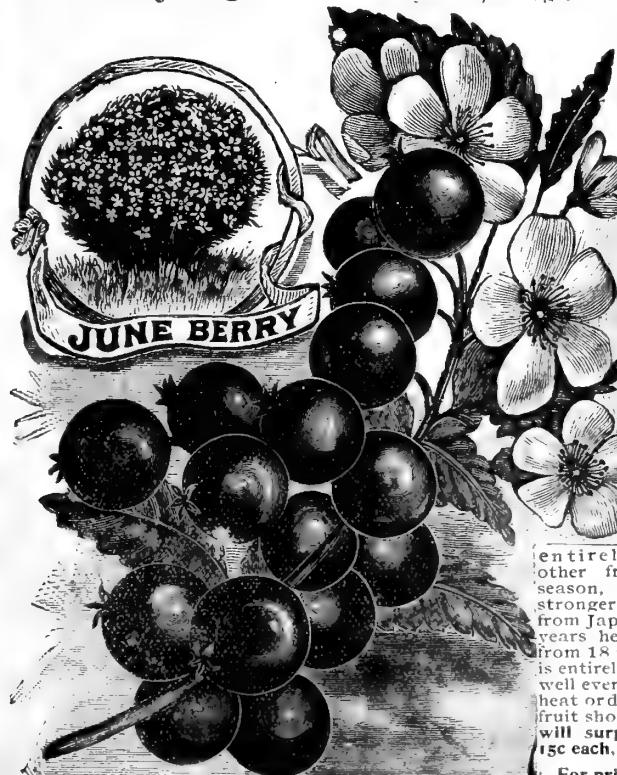
white hang in large clusters and are followed by beautiful, showy red berries that remain on the plant all winter. The fruit is very acid resembling the common cranberry in flavor and is esteemed by many for jells, pies, etc. 20c each.

**Sand Cherry.** A native of Dakota and other sections of the Northwest. It is perfectly hardy, grows to a height of 2 to 4 feet, producing fruit the size of a common cherry, which is good for sauce, preserves, etc., and to eat from the hand. It thrives well in any and all locations and produces most abundantly. We consider it a most valuable variety for all sections and especially for localities where the common cherry does not thrive. 25c each.

## Strawberry Raspberry, or Tree Strawberry

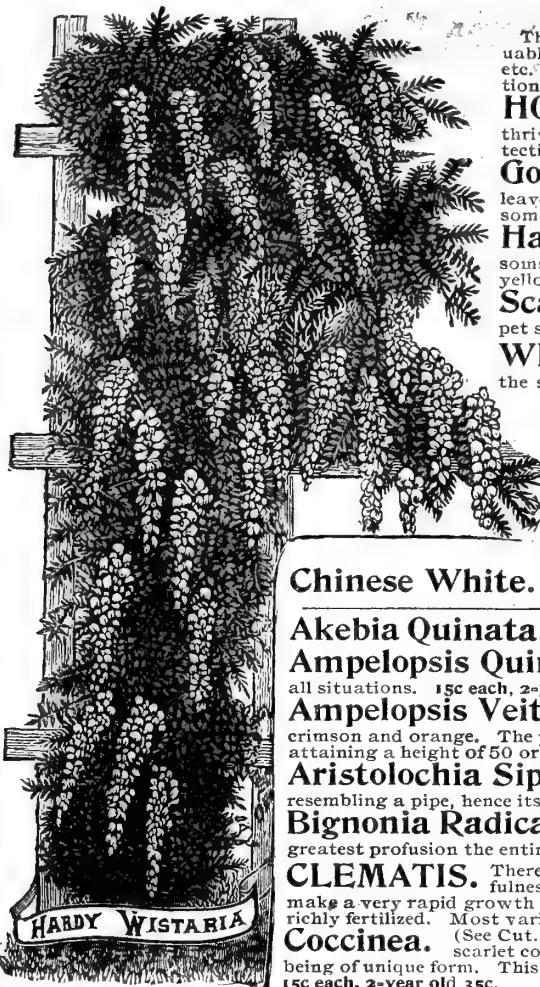
This is one of the most beautiful fruits ever seen; berries the size and shape of the largest strawberries, bright, rich, shining scarlet, with an exquisite bloom; makes lovely jams, jellies and tarts, having a delicious flavor entirely different from any other fruit; bears the first season, and gets larger and stronger every year. Came from Japan, and tested for two years here; the bush grows from 18 inches to 2 feet high, is entirely hardy and will do well everywhere, regardless of heat or drought. All lovers of fruit should give it a trial. It will surprise and please you. 15c each, 4 for 50c, 12 for \$1.00.

For price list see page 109.



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STRAWBERRY RASPBERRY.



## HARDY CLIMBERS.

The following list of Climbers will be found valuable to all who wish shade for verandas, trellises, etc. They are perfectly hardy with slight protection, many not needing any at all.

**HONEYSUCKLES.** These are all perfectly hardy, thriving well throughout the North with slight protection the first two or three winters. 15c each.

**Golden Variegated.** Beautiful variegated foliage, leaves netted and veined with pure yellow. Blossoms yellow and fragrant.

**Hall's Japan.** A strong, vigorous variety, producing fragrant blossoms from July till frost. Color white, changing to yellow.

**Scarlet Trumpet.** A rapid grower, producing scarlet, trumpet shaped flowers the entire season.

**WISTARIAS.** (See Cut.) These require a deep, rich, well manured soil the same as Clematis and respond very readily to generous treatment. They require protection in the extreme north.

**Chinese Blue.** One of the most elegant and rapid growing of all climbing plants. Attains an immense size in a few years, growing at the rate of 15 to 25 feet each season. The flowers are produced in the greatest profusion in May, June and in the autumn, hanging in long pendulous clusters of a pale blue color. One of the handsomest, hardiest and showiest plants 75c.

Similar in habit and growth to the Blue, but not so vigorous a grower and not quite so hardy. Produces long racemes of pure white blossoms. 50c each, 2 year plant \$1.00

### Chinese White.

**Akebia Quinata.** A beautiful plant of rapid growth and handsome foliage, producing large clusters of plum colored flowers with a most delightful fragrance. 15c each, 2-year old plant 35c

**Ampelopsis Quinquefolia.** Virginia Creeper. This is the common woodbine or five leaved ivy, valuable on account of its extreme hardiness and its adaptability to all situations. 15c each, 2-year old plant 35c.

**Ampelopsis Veitchi.** Boston Ivy. A beautiful climber of Japanese origin. The leaves are small, purplish green in summer, changing in autumn to the most beautiful tints of crimson and orange. The plant clings very closely to brick and stone walls, and is a very rapid grower, often attaining a height of 50 or 60 feet. 15c each, 2-year old plant 35c.

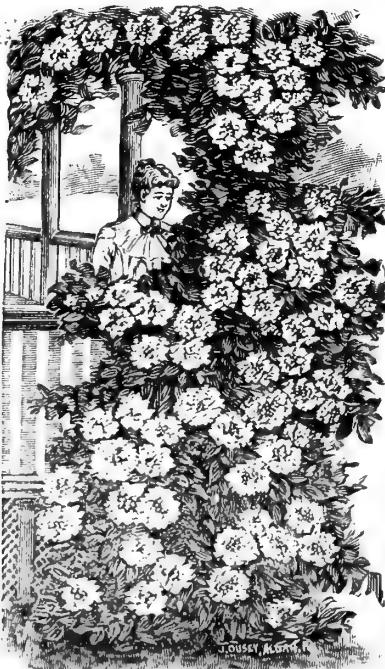
**Aristolochia Siphon.** Dutchman's Pipe. A rapid growing vine with very large heart-shaped leaves of a light green color, making a dense shade. The flowers are of brownish color, resembling a pipe, hence its name. 15c each, 2-year old plant 35c each.

**Bignonia Radicans.** Trumpet Flower. An excellent vine with handsome lance shaped leaves of the darkest green. The flowers are orange and scarlet and are produced in the greatest profusion the entire season. 20c each.

**CLEMATIS.** There is nothing in the line of climbing plants or vines that surpasses the Clematis in gracefulness of foliage and beauty of blossom. When given proper care and attention they make a very rapid growth and well repay the care and labor bestowed upon them. They require a deep soil richly fertilized. Most varieties are benefitted by a slight protection during the first two or three winters.

**Coccinea.** (See Cut.) Bell shaped flowers of an intense scarlet color. A very free bloomer, the flower being of unique form. This variety should be in all collections. 15c each, 2-year old 35c.

**Flamula.** European sweet scented. Small, white, deliciously fragrant flowers, produced in great profusion. Plant perfectly hardy everywhere. 15c each, 2-year old plant 35c.



**Henryii.** The best large flowering white variety. A very free bloomer. 35c each, 2-year old plants 75c each.

**Jackmanni.** The best of all the large flowering varieties. Color a deep violet purple. 35c each, 2-year old plants 75c.

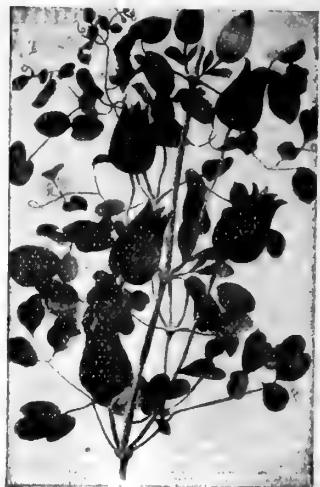
**Paniculata.** (See Cut.) A magnificent white-flowering sweet-scented Clematis.

Hardy in all parts of the United States. The blossoms are pure white and borne in great bunches or clusters, covering the plant so completely as to almost hide from view the rich glossy green foliage. It usually begins to bloom early in August, and produces its great panicles of bloom in the greatest profusion for a number of weeks. The blossoms are very sweet scented, and a small bunch of the cut flowers will perfume a whole room, filling the air with their delicious fragrance. The vine is of the most hardy, healthy habit, and frequently grows to a height of 30 or 40 feet in a single season. Another valuable point in this climber is the fact that it comes into flower late in the season, when nearly all other vines have ceased blooming. Strong, thrifty plants 20c each, \$2.00 per dozen, 2-year old plants 30c.

**Ramona.** (See Cut.) This magnificent large flowering Clematis is a valuable addition to the list of hardy flowering climbers. It is of American origin, a most rampant grower, fully 3 times as strong as the Jackmanni, and often growing 12 to 18 feet the first season after planting. It is an almost perpetual bloomer, giving an abundance of flowers throughout the season. The blooms are the largest of any variety grown, often measuring 6 to 7 inches in diameter. In color it is a very deep sky blue, distinct from any other kind and very attractive. Each lover of these beautiful climbers should not fail to include this sterling sort in his collection. 40c each, 3 for \$1.00, 2-year old plants 75c.

For General Price List of Nursery Stock to be sent by express or freight, see page 109.

Do not fail to note our hardy specialties; pages 2 to 16.



CLEMATIS COCCINEA

clusters of a pale blue color. One of the handsomest, hardiest and showiest plants in our entire list. 30c each, 2 year plant \$1.00



CLEMATIS RAMONA.

## HARDY PERENNIALS.

No class of plants will yield better or more pleasing results for the money invested than these Hardy Perennials. They require but very little care or attention, after once planting they are always there, are perfectly hardy and yield a rich harvest of bloom on the lawn. The following list has been selected with great care and contains a fine assortment of plants that will make choice permanent beds. They flower at different periods so that a succession of bloom may be had from early summer until severe frosts in the fall. We heartily recommend them to our customers, knowing they will be sure to please.

**Anthemis Tinctoria.** *Marguerite.* Very satisfactory summer flowering perennials, succeeding in the poorest soil, growing about 15 inches high and blooming continuously during the summer. Of dense bushy growth with large, golden, yellow flowers. 10c each, \$1.00 per dozen.

**Achillea, The Pearl.** One of the very best white flowering plants for the border. The flowers are borne in the greatest profusion the entire summer, on strong erect stems. Pure white in color, somewhat resembling Pompon Chrysanthemum. As a summer cut bloom it is a great acquisition. 15c each, \$1.50 per dozen.

**Aquilegia or Columbine.** In foliage, flowers and stems the Columbines have an air of classical elegance that gives them a high rank among Perennials. 15c each, \$1.50 per dozen. The set of 3 for 40c.

**CERULEA.** A beautiful Rocky Mountain species with broad flowers, often three inches in diameter; the outer sepals deep lilac or blue, petals white, while the deep blue spur is tipped green.

**CHRYSANTHA.** Grows two and a half feet high, forming a bush two or three feet across, which is covered for two months with golden yellow flowers with long spurs. **VULGARIS ALBA.** A beautiful pure white variety.

**Asters, Alpinus.** Showy, free blooming plants, commencing to flower early in the season and continuing till killed by frost. Blos- soms bluish purple, 2 inches or more across. Grows about 8 inches high. 15c each, \$1.50 per dozen.

**Coreopsis Lanceolata or Giant Golden Coreopsis.**

flower until cut down by frost. The blossoms are of graceful form, a rich golden yellow color, and are very fine for cutting purposes. Is easily grown, perfectly hardy and succeeds in any position. 15c each, \$1.50 per dozen.

**Chrysanthemum Maximum.** *Marguerites.* Free growing perennials, not exceeding 30 inches in height, forming compact bushes, which are covered with bloom the entire summer. The blossoms are of large size, pure white, of great substance, lasting a week or more in perfect condition when cut. They are perfectly hardy and bloom profusely throughout the entire summer. 15c each \$1.50 per dozen.

**Delphinium.** *Larkspur.* This is a bold and attractive group of hardy perennials, deserving general cultivation. Nothing can surpass their long, stout spikes of flowers in soft, pleasing colors, varying through almost every shade of blue, from the palest silvery tint to the deepest indigo, many possessing shades so finely blended as to resemble bee. By removing the stems as soon as the flowers have fallen, second spikes will form, thus lengthening the flowering season. 15c each, \$1.50 per dozen. The set of 3 for 40c.

**ELATUM, Bee Larkspur.** Medium height with clear blue flowers in good sized branching racemes.

**FORMOSUM.** The best known and most popular of all the Larkspurs, producing long spikes of deep blue flowers with white eyes. One of the best perennials in the list.

**HYBRIDUM.** Grown from the best mixed seed, these beautiful plants will produce a variety of flowers in all the prevailing shades of blue.

**Dielytra Spectabilis.** *Bleeding Heart.* Adapted for out-door planting, doing splendidly in semi-shaded positions or for forcing for early Spring blooming. It bears long racemes of graceful heart-shaped pink flowers. 15c each, \$1.50 per dozen.

**Digitalis.** *Foxglove.* A handsome and highly ornamental hardy perennial plant of stately growth; has been used recently in large quantities in some of the public parks for planting in shrubberies and other half shady places. 15c each, or \$1.50 per dozen.

**MONSTROSA.** Very large. *PURPUREA.* Common purple.

**Eulalia Zebrina Japonica.** A most beautiful ornamental grass throwing up tall graceful foliage marked crosswise with bands of white and green. A very striking and showy plant on the lawn. 15c each, \$1.50 per dozen.

**Hibiscus.** *Crimson Eye.* (See Cut.) It is a robust grower, with dark red stems and foliage. The flowers are immense in size, often measuring twenty inches in circumference. The color is of the purest white, with a large spot of deep velvety crimson in the center of each flower. A well developed plant will produce several hundred of these flowers in a season. 15c each, \$1.50 per dozen.

**Iris Kaempferi.** (See Cut.) These magnificent Iris are among the most beautiful of our flowering plants. Many of them are from 10 to 12 inches in diameter, and rival the orchid in their rich colorings and marking. They commence blooming about the middle of June, and produce a most gorgeous display of bloom for 5 or 6 weeks.

**GOLD BOUND.** Tall and showy with double flowers of enormous size, pure white with large gold-banded center. One of the most beautiful. 25c ea.

**MOUNT HOOD.** Light blue, shaded darker, bright orange center. 25c each.

**SHADOW.** Single. Enormous wavy petals, dark indigo blue with peacock lustre and golden center. A grand variety. 25c each.

**GIGANTEA.** Single. Enormous flower with beautiful wavy petals. Blue, with purple red tinge and white veins. 50c each.

**MRS. C. T. SAXTON.** Pure white of enormous size and extra double. The finest of all. 50c each.

**SPOTTED BEAUTY.** Large, wavy, double, silky white, freely and finely spotted with violet crimson. 50c each.

The above collection of six choice named varieties for \$1.75 postpaid.

**DOUBLE MIXED.** Unnamed sorts. 15c each, \$1.50 per dozen.

**SINGLE MIXED.** Unnamed sorts. 15c each, \$1.50 per dozen.

**Paonias, Herbaceous.** They are exceedingly hardy and will flourish in any section of the country, no matter how cold. They grow and flower well in almost any soil with very little care, but the flowers will be finer and colors brighter if given a deep, rich loam, well manured. Common varieties colors white, red and pink 25c each.

**MAMMOTH FLOWERING DOUBLE ENGLISH PAONIAS.** 40c each, or the set of 3 for \$1.00. We list below the choicest collection of Double Flowering Paonias ever offered in this country. The roots which we send out are extra strong, and cannot fail to bloom this season.

**LADY LENORA BRAMWELL.** A most delicate pink variety, edged with silvery pink. Flowers extra large, freely produced and highly perfumed.

**ETHEL BROWNELL.** The largest and most beautiful pure white Paonia we have ever seen. Each flower looks like a great bunch of white cotton.

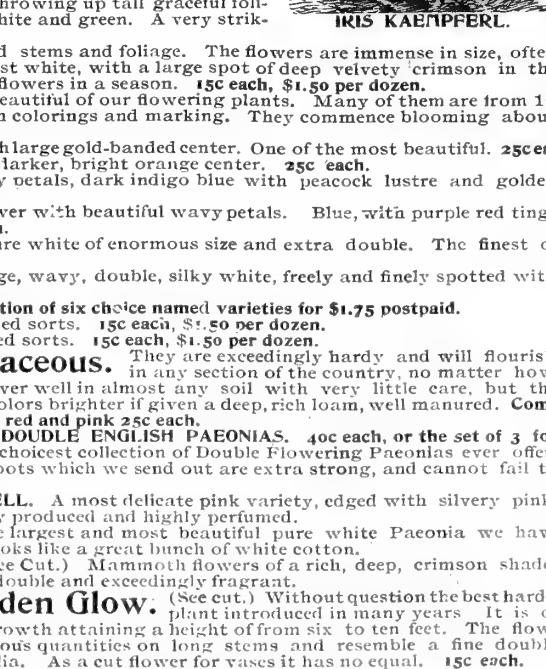
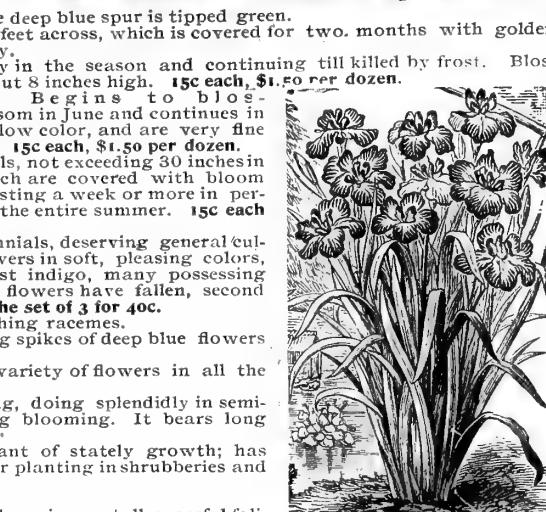
**LORD WELLINGTON.** (See Cut.) Mammoth flowers of a rich, deep, crimson shade. The blooms are perfectly double and exceedingly fragrant.

**Rudbeckia, Golden Glow.** (See Cut.) Without question the best hardy plant introduced in many years. It is of fine habit and vigorous growth attaining a height of from six to ten feet. The flowers are produced in enormous quantities on long stems and resemble a fine double golden yellow cactus dahlia. As a cut flower for vases it has no equal. 15c each.

**HIBISCUS.** Crimson Eye.

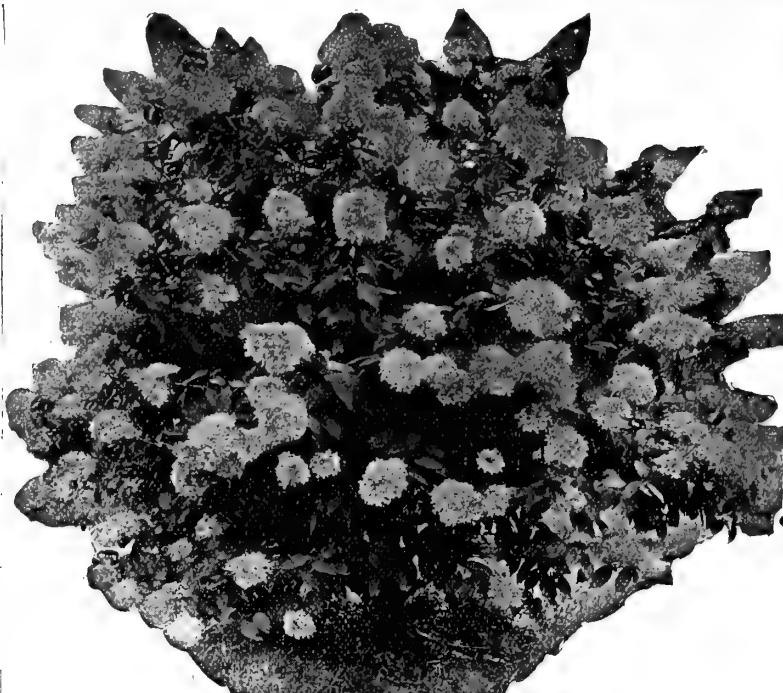


RUDBECKIA GOLDEN GLOW.



PAONIA, LORD WELLINGTON.

FOR BALANCE OF HARDY PERENNIALS SEE PAGE 107.



HYDRANGEA PANICULATA GRANDIFLORA.

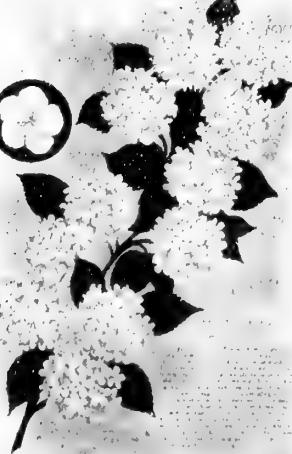
colored edible fruit.

## RED FLOWERING AND YELLOW FLOWERING.

20c each.

**DOUBLE CRIMSON.** A new and distinct variety recently introduced from Europe. Large, double, crimson blossoms. 25c each.**Deutzias.** These are a most satisfactory and admirably adapted for culture on the lawn, either singly or grouped. 20c each.**CANDIDA.** Large double white blossoms.**CRENATA DOUBLE PINK.** A fine variety, producing perfectly double, pure pink blossoms in racemes 4 to 5 inches long.**GRACIL'S.** An old favorite dwarf variety with pure white flowers.**PRIDE OF ROCHESTER.** (See cut.) A magnificent sort, with large double white blossoms tinted rose.**WATERI.** A new and distinct variety. Blossoms extra large, borne in large, loose racemes. White tinted with rose.**Exochorda Grandiflora.** A vigorous shrub, forming a neat, compact bush 10 to 12 feet high. The flowers, which are pure white, are borne in slender racemes of 8 to 10 florets each on light and wiry branches that bend beneath their load of bloom, just enough to be airy and graceful. 25c each.**Forsythia Suspensa.** (Golden Bell.) Bright yellow flowers which appear in early spring before the leaves, and are borne in long sprays. The plant is of dwarf, weeping habit, making it very attractive. 20c each.**Honeysuckle Tartaian.** Of upright or tree form, producing a great profusion of bloom in early summer. Two varieties, white and red. 20c each.**Hydrangea Paniculata Grandiflora.** (See cut.) This is without doubt the grandest shrub ever introduced. It thrives in all sections of the country and comes into bloom in August, at a time when all other shrubs are through flowering. It produces large pyramidal shaped heads of blooms in the greatest profusion. These are pure white when they first open, gradually changing to pink, and remain on the bush until winter. 25c each. Extra size plants 50c each.**Kerria Japonica.** (Globe Flower.) A low bushy shrub with green bark, pretty foliage and small yellow flowers. 20c each.**Prunus Pissardi.** (Purple Leaved Plum.) The young branches are dark purple and the leaves when young are a lustrous crimson changing to purple. Flowers are small, white and single. Shows finely by contrast when planted with light or golden leaved plants. 20c each.

JAPAN QUINCE.



JAPANESE SNOWBALL.

HARDY  
SHRUBS.  
ORNAMENTAL  
AND  
FLOWERING.

No class of plants is of easier culture, requires less care and attention, and dresses up or decorates a lawn better than these. Once planted, they remain forever, increasing the value and enhancing the beauty of every home, no matter how humble. The low price at which they are offered places them within the reach of all. No home is complete without its hardy shrubs for the lawn. The varieties we offer have all been thoroughly tested and are perfectly hardy in all localities.



BRIDAL WREATH.

**Berberry Purple.** Handsome violet colored foliage; yellow blossoms, which are succeeded by purplish fruit. A very showy and effective plant. 20c each.

**Clethra Alnifolia.** (Sweet Pepper Bush.) Produces showy spikes of creamy white, fragrant blossoms in August. 20c each.

**Currant, Flowering.** Old time favorites that are still considered very desirable. They are covered in early summer with bright, showy flowers, which are succeeded by dark

## Lilacs.

We offer only choice named sorts, far superior to the common white and purple usually offered. 20c each, or the set of 7 for \$1.25.

**BELLE DE NANCY.** Light purple.**CHARLES X.** Dark purplish red.**LEMOINEI.** Double white flowers, bloom in immense panicles.**MAD. CHATENAY.** A new and desirable variety from France.**MARIE LE GRAY.** A new white variety of great beauty.**PERSIAN.** Small, bright purple.**GIANT TREE LILAC.** (See cut opp. page.) A magnificent and beautiful tree from northern Japan. Blossoms in midsummer; immense clusters 16 to 24 inches long of pure white. Very rare and choice. 25c each.**MARIE LE PAGE.** New and choice.**RUBRA CHAS. X.** Red; very beautiful.

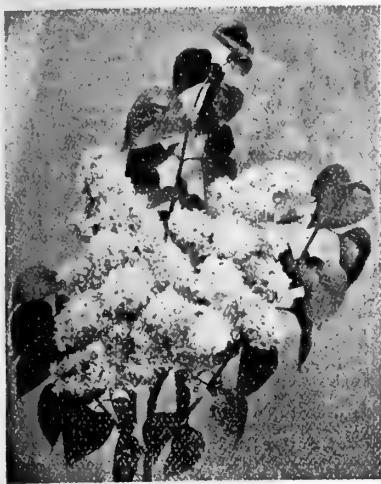
**Ptelea Trifoliata.** (Hoptree.) A large shrub or small tree of rapid growth and robust habit. Fruit winged and in clusters. Blossoms in June. Very decorative. 20c each.

**Japan Quiuce.** (See cut.) *Pyrus Japonica.* As single shrubs on the lawn these are most beautiful and attractive. Their large brilliant flowers are among the first that open in the spring, and as they are borne in the greatest profusion, covering every branch and twig before the leaves are developed, they present a rare spectacle. The foliage is bright green and glossy, retaining its brilliant color throughout the season, rendering the bush ornamental at all times. 20c each.

**Sambucus Aurea.** (Golden Elder.) This is a most beautiful shrub, with golden yellow foliage, producing a very fine effect when grouped with other shrubs, or as single specimen plants on the lawn. It produces clusters of pure white flowers, which are followed by the fruit similar in appearance to the common elderberry. 25c each.

**Snowberry.** A most beautiful little shrub, producing a profusion of pink flowers in early summer, and large, white, waxen berries in autumn. 20c each.

**Viburnum Plicatum.** (Japanese Snowball.) (See cut.) A magnificent variety with mammoth blossoms, larger than Double Peonias. It is impossible to imagine anything more beautiful than one of these shrubs loaded with its great bunches of snow-white flowers. It is, indeed, a grand shrub, and without doubt a most valuable variety for this country, as it has proven to be as hardy as the Lilac. Few hardy shrubs grow with such rapidity or blossom so young as this magnificent Snowball. It remains in bloom a long time, and the appearance of a few of these Giant Snowballs grown in clumps, or when scattered throughout the yard, makes the grandest display imaginable. 25c each.



GIANT TREE LILAC.

**BILLARDI.** A very strong grower, blooming quite late in the season. Flowers clear pink color.

**CALLOSA ALBA.** A dwarf-growing sort, producing pure white flowers in midsummer.

**CRATAEGIFOLIA.** A handsome, hardy, distinct variety. White blossoms in great profusion.

**DOUGLASSI.** A strong-growing, late-flowered variety, producing rose colored blossoms.

**GOLDEN.** Most beautiful golden yellow foliage and pure white blossoms.

**OPULIFOLIA.** A strong growing variety with large, pure white blossoms.

**PRUNIFOLIA.** (Bridal Wreath.) (See cut opp. page.) An early and prolific bloomer, producing an abundance of double, pure white flowers. These are borne on long, graceful stems, which are most beautiful. One of the best.

**THUNBERGI.** Of dwarf habit and rounded, graceful form. Blossoms very early in spring, producing an abundance of small, delicate white flowers.

**VAN HOUTTI.** One of the grandest of all the Spireas. Highly ornamental at all times, but when in flower it is a complete fountain of white bloom, the foliage scarcely showing at all.

**Syringas.** On account of their hardiness, their free-blooming habit and their beautiful fragrant flowers, these should be more extensively planted. **20c each, the set of 6 for \$1.00.**

**CORONARIUS NANUS.** A dwarf-growing variety, which is covered with an abundance of pure white blossoms the latter part of May.

**FLORE PLENO.** Another dwarf-growing variety, with large, double cream colored flowers.

**GOLDEN.** A most beautiful sort, with pure golden foliage, making it attractive at all times, and most beautiful when covered with its pure white blossoms.

**GRANDIFLORA.** This is a very large growing variety, producing a great profusion of bloom in June and July.

**LEMOINEI.** A grand variety of recent introduction, showing a vast improvement over old sorts. Blooms very large, pure white and exceedingly fragrant.

**ZEHIERI.** Another new variety, said to possess unusual merit. A rampant grower and a most profuse bloomer. Most beautiful.

**Viburnum Flore Pleno.** (Dbl. Flg. Snowball.)

The beauty of the old favorite Snowball is well known. In this variety we have enormous heads of pure double white blossoms, which open the latter part of May and are most useful and decorative. **20c each.**

**Weigelia.** These are beautiful shrubs that bloom in June and July, the plants being smothered in the great profusion of bloom. **20c each, or 6 for \$1.00.**

**ABEL CARRIERRE.** A distinct and valuable sort with bright rose colored blossoms.

**AMABILIS.** A beautiful variety with attractive pink blossoms.

**CANDIDA.** A strong growing new variety, producing pure white flowers in great profusion.

**NANA, VARIEGATED.** A dwarf growing variety with clearly defined variegated foliage. Most admirably adapted for small lawns.

**ROSEA.** The old and popular sort, with pure rose colored blossoms.

**White Fringe.** The foliage is thick, leathery and very pleasing in appearance. The blooms resembling tassels of white fringe, are borne in great profusion and are very fragrant. **20c each.**

**Spireas.** No collection of flowering shrubs is complete without these. Their free blooming habit, their graceful flowers and their long flowering period, extending over several weeks, all combine to render them most desirable. We offer a collection of the best named sorts. **20c each, or any 6 for \$1.00.**

**ANTHONY WATERER.** (See cut.) This is of recent introduction, and one of the most beautiful varieties in cultivation. It forms a low, compact bushy plant 15 to 20 inches high and is covered nearly the entire season with large clusters of deep crimson flowers. It begins to bloom when very small and is an almost continuous bloomer thereafter. It is an excellent plant for pot culture in the house, and being perfectly hardy, is a valuable addition to our list of shrubs for planting on the lawn. This rare and valuable combination of adaptability renders it especially attractive to plant lovers, while its free blooming nature and its wonderfully brilliant blossoms recommend it everywhere.

**ARIAEOPHIA.** Of dense, bushy habit. Plant covered with greenish white blossoms.

GIANT TREE LILAC.

## HARDY PERENNIALS—Concluded.

For Balance of List see Page 105.

**Elymus.** (Lyme Grass.) A handsome grass with narrow glaucous silvery foliage, well adapted for planting in borders and in the edges of beds. Grows about 3 feet high. **10c each, \$1.00 per doz.**

**Festuca.** (Blanket-grass.) A pretty tufted grass with fine glaucous foliage. **10c each.**

**Gaillardia Grandiflora.** (Flower.) These are among the showiest and most effective of hardy perennial plants. They commence to flower in June and continue one mass of bloom the entire season. The blossoms are from  $2\frac{1}{2}$  to  $3\frac{1}{2}$  inches in diameter, are produced on long stems and are excellent for cutting. The center is dark reddish brown, while the petals are variously marked with rings of brilliant scarlet crimson, orange and vermillion. **10c each, \$1.00 per doz.**

**Gypsophila Paniculata.** (Baby's Breath) A beautiful old fashioned plant which is very attractive and showy, and most ornamental and useful at all times. When in bloom it forms a symmetrical mass 2 to 3 feet in height and the same in diameter, of minute, pure white flowers, the whole forming a beautiful gauze-like appearance. It is very fine for cutting purposes. **10c each, \$1.00 per doz.**

**Hypericum Elegans.** (St. John's Wort.) A vigorous growing bushy plant of graceful habit, producing medium size, bright yellow flowers. **15c each, \$1.50 per doz.**

**Heliopsis Pitcherianus.** (Orange Sunflower.) A desirable herbaceous plant, growing 2 to 3 feet high. It is a perpetual bloomer commencing to flower early in the season and continuing in bloom the entire summer. The flowers are a beautiful deep golden yellow color, about 2 inches in diameter, of very firm texture, and are extremely useful for cutting. **10c each, \$1.00 per doz.**

**Hollyhocks, Double.** As a background in large borders or beds of the lower growing herbaceous plants there is nothing better. For planting in rows or groups on the lawn, or interspersing among shrubbery, they are invaluable. The flowers form perfect rosettes of the most lovely shades of crimson, yellow, pink, orange, white, etc. They require a deep, rich soil, and will repay in quantity of bloom any extra care. We offer a fine assortment in the following separate colors: Yellow, white, flesh color, purple, crimson. **15c each, 8 for \$1.00.**

## Hardy Perennial Phloxes.

These are among the most desirable of our hardy herbaceous plants. They succeed in any position and can be used either as single specimens or as large clumps or beds in the garden or lawn. Our collection embraces 8 of the best new and old varieties. **25c each, or the set of 8 for \$1.60.**

**Iris Germanica.** Most desirable early spring flowering plants. The blooms are of large size and exquisite colors. While not as desirable as the Japanese varieties, they will well repay the care and attention which they require. We offer mixed sorts only. **15c each, \$1.50 per doz.**



PURPLE FRINGE.



DENTZIA, PRIDE OF ROCHESTER.

## ORNAMENTAL AND SHADE TREES FOR THE LAWN AND STREET.

The stock which we offer under this heading has been grown at our Nurseries, is well adapted to the West, North and Northwest, being perfectly hardy everywhere and well suited for shade and ornament. For a quarter of a century we have been handling this class of stock and have had a wide and varied experience which enables us to select only such varieties as are known to prove satisfactory in all sections. All stock has been transplanted unless otherwise noted, thus giving it an abundance of fine fibrous roots.

**Ash White.** A native variety of fine habit of growth; especially adapted to large lawns and street planting. **Seedlings 12 to 15 inches high. 10c each, \$1.00 per doz.**

**Birch White.** A well known native variety growing in erect symmetrical form, with long, slender branches and narrow, tapering, shining leaves. **15 to 18 inches high. 10c each, \$1.00 per doz. postpaid.**

**Box Elder, (ASH LEAVED MAPLE.)** The great tree for the Western Prairies. **18 to 24 inches 2 year seed. 10c each, 75c per doz. postpaid. 10 to 12 inches 1 year seed. 10c each, 50c per doz. postpaid.**

**Butternut.** A native tree of medium size, spreading head, and grayish colored bark. Nut oblong, rough and very delicious. **4 ft. 40c each by express.**

**Catalpa Bignonioides.** A showy, rapid growing tree, with very large, heart-shaped leaves and pyramidal clusters a foot long, of purple and white very fragrant flowers. Blooms late in June; very beautiful. **12 to 15 inches. 10c each, \$1.00 per doz.**

**Catalpa Speciosa.** A variety, native to some parts of the West. It is very hardy and well adapted for street or lawn planting. It produces large, very showy blossoms in July which are followed by long, graceful seed pods, which hang till late fall. The leaves are very large, heart-shaped and of most beautiful appearance. **10 to 12 inches. 75c per doz.**

**The Hardy Japan Chestnut.** Everybody loves nuts, and as they can be grown in almost any location, and thrive with little care and attention, they should be planted more largely. This new and desirable chestnut is a native of Northern Japan. It is extremely hardy, a vigorous grower of symmetrical form; matures its fruits early, and bears when very young, and is extremely productive. The nuts grow in clusters; the meat is sweet and of the very best quality. **10 to 12 inches. 25c each, \$2.50 per doz.**

**Cottonwood, (CANADIAN POPLAR.)** A tall, rapid growing, native tree, with broad leaves. Especially useful for windbreaks, groves and street planting. **Seedlings 10c each, 50c per doz. postpaid.**

**Elm, American.** A native tree of large size, with open, spreading head and graceful drooping branches. Succeeds well in all sections and one of the best trees for street planting that can be grown. **18 to 24 inches. 10c each, \$1.00 per doz. postpaid.**

**Elm, Scotch.** A fine spreading tree of rapid growth and beautiful foliage. **15 to 18 inches. 10c each, \$1.00 per doz. postpaid.**

**Kentucky Coffee Tree.** A fine native tree of medium size, rapid, upright growth, with rough bark, stiff, blunt shoots and feathery foliage of a bluish green color. **12 to 15 inches. 10c each, \$1.00 per doz. postpaid.**

**Linden, European.** A fine pyramidal tree, of large size, with large leaves and fragrant blossoms. **12 to 18 inches. 10c each, \$1.00 per doz. postpaid.**

**Linden, Broad Leaved.** Similar in appearance to the above, but distinguished from it by its larger and rougher leaves. **12 to 18 inches. 15c each, \$1.25 per doz. postpaid.**

**Locust.** (*VISCOSA.*) A native variety bearing short racemes of delicate rose colored flowers, in early June. A very distinct and beautiful variety. **12 to 15 inches. 10c each, \$1.00 per doz. postpaid.**

**Locust.** (*YELLOW.*) A fair sized tree, with feathery foliage, bearing racemes of yellowish, fragrant flowers the first of June. **12 to 15 inches. 10c each, 75c per doz. postpaid.**

**Mountain Ash, European.** A fine hardy tree, with dense heads, covered from July till winter, with great clusters of bright, scarlet berries. It is very attractive and ornamental, as well as useful for shade. Fine for lawn planting. **12 to 15 inches. 10c each, \$1.00 per doz.**

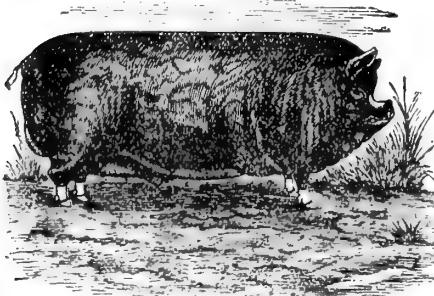
**Magnolia Acuminata.** (*CUCUMBER TREE.*) A beautiful pyramidal tree attaining a height of 60 to 75 feet. The leaves of bluish green color are from 6 to 9 inches long, very shapely and striking in appearance. The flowers are yellow, tinted with bluish purple. Fruit when green resembles a cucumber, hence its name. **12 to 18 inches. 10c each, \$1.00 per doz. postpaid.**

**Pedigree Berkshire Pigs.** We have as pure a type of pedigree stock as can be found in the Northwest. They are unusually hardy, of high vital powers, easily fattened, prolific breeders and less liable to disease than other breeds.

### CRATING.

We box these in strong, light, comfortable crates, put feed and water in box and deliver free on board cars at Lakeland. Customers must pay transportation charges. All orders will be filled in rotation as received.

Price. Single pig 2 to 3 months old, \$15.00. Pair, boar and sow, \$25.00. Three, 1 boar and 2 sows, \$35.00.



**Maple, Schwerdleri.** A German variety, of remarkable beauty and hardiness. The young leaves and shoots are a bright, gleaming red, turning to purplish green as autumn approaches. An elegant and most showy tree for the lawn or street being at all times beautiful when in leaf. **18 to 24 inches. 40c each, \$4.00 per doz. postpaid.**

**Maple, Siberian.** Perfectly hardy and exceedingly beautiful either for groups or specimens. The leaves turn a beautiful red, early in autumn. This variety is comparatively new and destined to become very popular. **8 to 12 inches. 10c each, \$1.00 per doz. postpaid.**

**Maple, Tartarian.** A distinct and attractive dwarf tree, of handsome appearance. The small light colored leaves, shade to a beautiful scarlet in autumn. A moderate grower and valuable for grouping. **8 to 12 inches. 15c each, \$1.25 per doz.**

**Poplars.** These are all rapid growers forming large trees in a few years. For lawn shade, for wind-breaks or screens they are invaluable. The varieties we offer are all perfectly hardy and vigorous growers.

**BOLLEANA.** A compact growing variety, which resembles the Lombardy. Leaves are glossy green above and silvery beneath. **18 to 24 inches. 10c each, \$1.00 per doz. postpaid.**

**CAROLINA.** Pyramidal in form with large glossy, pale green leaves. A most valuable variety. **18 to 24 inches. 10c each, \$1.00 per doz. postpaid.**

**GOLD LEAF.** The foliage of this variety has a decided golden tint, which lasts throughout the season. Very useful for ornamental planting. **18 to 24 inches. 10c each, \$1.00 per doz. postpaid.**

**LOMBARDY.** Well known and remarkable for its erect, rapid growth and tall spiny form. Attains a height of from 100 to 150 feet. A very graceful and beautiful tree. **18 to 24 inches. 10c each, \$1.00 per doz. postpaid.**

**SILVER.** Of wonderful rapid growth and wide, spreading habit. Leaves large, glossy green above and white underneath. Prefers a moist soil, but flourishes everywhere. **18 to 24 inches. 10c each, \$1.00 per doz. postpaid.**

**Tulip Tree.** A magnificent native tree of tall and rapid growth. The leaves are large, glossy and very oddly shaped. The blossoms are large, tulip shaped, of pale yellow and rich orange color and are most attractive and showy. **12 to 15 inches. 10c each, \$1.00 per doz. postpaid.**

**Willows.** These are very useful for lawns, water side planting, shade and screens; they grow rapidly in all soils and quickly form large trees. They are perfectly hardy, transplant well and are at all times graceful and pretty.

**BABYLONICA.** A native of Asia. The common and well known Weeping Willow. It grows to an immense size and is one of the first trees to "grow up" in the spring. **12 to 15 inches. 10c each, 75c per doz. postpaid.**

**GOAT WILLOW.** (*Caprea.*) A large bush like variety, which is very ornamental when its catkins are expanded in the early spring. Commonly called the "Pussy Willow." **12 to 18 inches. 10c each, 75c per doz. postpaid.**

**GOLDEN BARK WILLOW.** Greatly valued for the winter effect of its bright, golden bark. It is especially showy when planted in large groups. Should be severely trimmed each winter to produce a quantity of brilliant young growths. **For Prices see page 109.**

**GOLDEN WEEPING WILLOW.** Another variety with golden yellow bark and drooping branches. It grows to a medium size and is very ornamental. **For prices see page 109.**

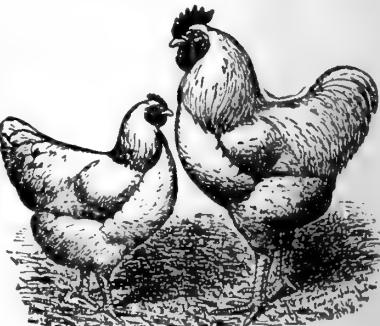
**LAUREL LEAVED.** Leaves broad, dark green and very glossy. Valuable for narrow streets and tall hedges, as it can be clipped to standard form like a bay tree. In winter the bark is bright green and very attractive. **12 to 18 inches. 10c each, 75c per doz. postpaid.**

**ROSEMARY.** This variety has small, light green foliage and slender twigs. It forms large, round heads and is very desirable for lawn planting. **12 to 18 inches. 10c each, 75c per doz. postpaid.**

**WISCONSIN WEEPING.** Of similar drooping habit to the Babylonica, but much harder, resisting cold to a remarkable degree and never winter killing in the least. **For Prices see page 109.**

**White Plymouth Rocks.** In addition to other fancy stock which we are breeding at Mayfield, we have the **Purest Strain of these Beautiful Chickens that can be produced.** They are most beautiful fowls, with pure white plumage. They are very prolific layers and make excellent mothers, are not prone to wander like some kinds, while their meat is always fine grained, sweet and delicious. Owing to their large size and their great laying qualities, they are the most profitable kind a farmer can raise.

Owing to a limited stock we do not offer the fowls this season but only the eggs. These can only be sent by express at purchasers expense. We will ship only fresh laid eggs of the genuine stock packed in the most approved manner. **\$1.50 for 13, \$2.75 for 30.**



# Condensed Price List of Hardy Nursery Stock Including Fruit and Ornamental Trees, Shrubs, Small Fruits, Etc., for Spring of 1902.

At Prices quoted, trees, shrubs, etc., will be sent by Freight or Express, purchaser paying charges.

In filling orders from this list we reserve the right to substitute varieties considered by us of equal merit provided we are sold out of the variety ordered. In such cases we label the variety substituted with its true name. But if customer wishes no substitution made and so states in his order, we will fill order as far as possible and return the money for the portion we cannot fill.

All stock will be packed in the most approved manner, so as to reach our customers in the best possible condition. All heavy packages should be sent by freight to avoid excessive charges. Express rates are very reasonable on this class of goods, being 20 per cent less than regular merchandise, pound rates to apply.

**OUR GUARANTEE.** We guarantee all stock to be up to size and grade specified in list and to be in a healthy living condition when it leaves our hands. This guarantee holds good only when we are notified promptly on arrival of goods stating any errors or cause for complaint.

**AT PRICES QUOTED.** We make no charge for boxing, packing and delivering at express or freight office. **6 at dozen rates, 50 at 100 rates.**

No discount allowed from Price List.

## STANDARD APPLES.

	PER DOZ.	PER 100
Strong 2 years old, 4 to 5 feet high.....	\$ 2 50	\$ 20 00
Strong 2 years old, 3 to 4 feet high.....	2 00	15 00
Strong 1 year old, 18 to 24 inches.....	1 50	10 00
These prices hold good on all varieties noted in our list except Peerless, Wolf River, Yellow Transparent, Peter, Florence, Lou, August, October. These varieties we quote as follows:		
4 to 5 feet.....	3 50	25 00
3 to 4 feet.....	2 50	18 00
Strong 1 year old.....	2 00	12 50
Bismarck we cannot supply in larger than mailing size		

## CRAB APPLES.

	PER DOZ.	PER 100
Strong 2 years old, 4 to 5 feet high.....	3 00	22 50
Medium 2 years old, 3 to 4 feet high.....	2 50	18 00
Strong 1 year old, 18 to 24 inches.....	2 00	12 50

## SMALL FRUITS—BLACKBERRIES.

	PER DOZ.	PER 100
Everbearing Tree.....	1 50	6 00
Ancient Britain—Early Harvest, Eldorado, Erie, Minnewaska, Ohmer, Snyder, Stones Hardy, Taylor Wachusett, Lucretia Dewberry.....	75	3 00
Iceberg, Rathbun.....	1 50	8 00
Surprise.....	1 00	5 00

## CURRENTS, Extra Strong One Year Old.

	PER DOZ.	PER 100
Crandall Tree.....	1 00	8 00
May's Giant Ruby—White Wine, Wilder.....	1 50	10 00
Fay's Pro., Black Champion, Cherry, White Grape.....	75	5 00

## GOOSEBERRIES, One Year.

	PER DOZ.	PER 100
Red Jacket—Whinham's Tree.....	2 00	12 00
Whinham's Tree 2 years.....	2 00	20 00
Columbus, Pearl.....	1 00	8 00
Downing, Houghton, Smith's Imp.....	2 50	18 00
Chautauqua.....		

## GRAPES, One Year Old.

	PER DOZ.	PER 100
Brighton, Champion, Delaware, Worden.....	1 00	6 00
Campbell's Early.....	2 50	18 00
Concord.....	75	5 00
Empire State, Martha, Niagara, White Diamond.....	1 50	10 00

## RASPBERRIES—RED SORTS.

	PER DOZ.	PER 100
Black Hills, Millers Red.....	1 00	5 00
Cuthbert, Hansell, Marlboro, Rancocas, Reliance, Shaffers Col.....	50	2 50

## BLACK CAPS.

	PER DOZ.	PER 100
Cumberland, Golden Queen, Loudon.....	60	4 00
Gregg, Eureka, Kansas, Mam Cluster, Nemaha, Ohio, Palmer.....	50	2 50
Mayfield Prize.....	1 00	5 00

## SUNDRY FRUITS.

	PER DOZ.	PER 100
Japanese Wineberry.....	1 00	5 00
Strawberry Raspberry.....	75	4 00
Mayberry.....	1 50	10 00
Logan Berry.....	1 50	10 00
Improved Russian Mulberry.....	1 00	4 00
June Berry.....	1 50	10 00
Rocky Mountain Cherry.....	1 50	10 00
Buffalo Berry.....	1 00	6 00
Sand Cherry.....	2 00	10 00
Cranberry High Bush.....	2 00	10 00

PER DOZ. PER 100

80' 6 00

Strawberries, all varieties offered in our list .....

**TOBACCO.** In making up our list we have endeavored to give only such sorts as were of special merit and certain to give satisfaction.

**CONNECTICUT SEED LEAF.** Best adapted to the Southern and Middle states. Pkt. 5c, oz. 20c, 1-4 lb. 75c.

**HESTER.** Recommended as one of the best for general cultivation. Pkt. 5c, oz. 25c, 1-4 lb. 75c.

**WHITE BURLEY.** Best adapted to the Northern and Western states. Pkt. 10c, oz. 35c, 1-4 lb. \$1.25.

**STERLING.** Best adapted to the Northern states. Ripens early, makes finest wrappers and sweetest of fillers. Pkt. 5c, oz. 25c, 1-4 lb. 75c.

**LITTLE ORONOKO.** A heavy cropper. Best adapted to the Middle and Southern states. Pkt. 5c, oz. 25c, 1-4 lb. 75c.

**BIG HAVANA.** Considered in the South one of the best that can be grown. Very early and a heavy yielder. Pkt. 5c, oz. 25c, 1-4 lb. 75c.

**BULLION.** A well formed, fine fibered sort. Pkt. 10c, oz. 50c, 1-4 lb. \$1.50.

**BONANZA.** A white Burley cross on yellow Oronoko. Makes fine wrappers, fillers and cutters. Pkt. 10c, oz. 50c, 1-4 lb. \$1.50.

## HARDY CLIMBERS.

	PER DOZ.	PER 100
Akebia Quinata 1 year.....	10	\$ 1 00
" " 2 years.....	25	2 50
Ampelopsis Quinquefolia 1 year.....	10	1 00
" " 2 years.....	20	2 00
Ampelopsis Veitchii 1 year.....	10	1 00
" " 2 years.....	25	2 50
Aristolochia Siphon 1 year.....	10	1 00
" " 2 years.....	20	2 00
Bignonia Radicans 1 year.....	15	1 50

## CLEMATIS.

	PER DOZ.	PER 100
Coccinea and Flamula 1 year.....	10	1 00
" " 2 years.....	25	2 50
Henryi, Jackmanni 1 year.....	30	3 00
Henryi, " 2 years.....	60	6 00
Ramona 1 year.....	35	3 50
" " 2 years.....	60	6 00
Honeysuckles 1 year, all varieties.....	10	1 00

## WISTARIAS.

	PER DOZ.	PER 100
Chinese Blue, 1 year.....	25	2 50
Chinese Blue 2 year.....	60	6 00
Chinese Dbl White 1 year.....	40	4 00
" " 2 year.....	80	7 50

## HARDY SHRUBS.

	PER DOZ.	PER 100
Berberry Purple, Clethra Alnifolia, Currant Flowering, Deutzias, Forsythia, Honeysuckle Tartarian, Kerria Japonica, Lilacs, Prunus Pissardi, Purple Fringe, Quince Japan, Hop Tree, Snowberry, Spireas, Snowball Dbl Flg, Weigelas, White Fringe.....	15	1 50
Curiant Dbl Crimson, Exochorda, Grandiflora, Hydrangea P. G., Lilac Giant Tree, Golden Elder, Japanese Snowball.....	20	2 00

## ORNAMENTAL AND SHADE TREES.

	PER DOZ.	PER 100
Ash White, 8 to 12 inches.....	\$ 25	\$ 1 00
Box Elder, 18 to 24 "	50	2 00
" 10 to 12 "	30	1 00
Butternut 4 ft.....	\$ 40	4 00

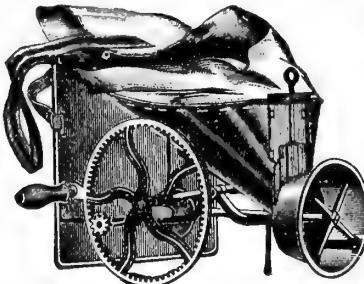
	PER DOZ.	PER 100
Catalpa Bignonioides 6 to 8 ft.....	40	4 00
Catalpa Speciosa 6 to 7 ft.....	50	5 00
" 8 to 12 in.....	50	2 00
" 18 to 24 in.....	75	3 00
Chestnut Japan, 18 to 24 in.....	40	4 00
Cottonwood 6 to 8 ft.....	25	2 50
Elm Am. 4 ft.....	35	3 50
Horse Chestnut 5 to 6 ft.....	60	6 00
Kentucky Coffee Tree 5 to 6 ft.....	50	5 00
Mt. Ash European 30 to 36 in.....	20	2 00
" 4 to 5 ft.....	40	4 00
" Oak Leaf 6 to 7 ft.....	75	7 50
Maple Norway 4 to 5 ft.....	35	3 50
" 6 to 7 ft.....	60	6 00
" Soft 12 to 18 in.....	30	2 00
" Soft 8 to 12 in.....	20	1 50
" Sycamore 3 to 4 ft.....	25	2 50
Oriental Plane 24 to 30 in.....	20	2 00
Poplar Balsam 5 to 6 ft.....	40	4 00
" Gold Leaf 8 to 10 ft.....	60	6 00
" Lombardy 8 to 10 ft.....	60	6 00
" 6 to 8 ft.....	40	4 00
" 4 to 5 ft.....	20	2 00
" Silver 8 to 10 ft.....	60	6 00
" 6 to 7 ft.....	40	4 00
Willow Babylonica 4 to 6 ft.....	40	4 00
" Golden Bark 4 to 5 ft.....	40	4 00
" Golden Wpg 4 to 5 ft.....	60	6 00
" Laurel Leaf 4 to 5 ft.....	35	3 50
" Rosemary Topgrafted 5 to 6 ft.....	75	7 50
" Wisconsin Weeping.....	35	3 50

## EVERGREEN TREE SEED.

	PER DOZ.	PER 100
Arbor Vita American...20c \$ 2.00	25c	\$ 2.50
Balsam Fir.....20c 2.00	25c	2.50
Red Cedar.....10c 1.00	Scotch Pine.....25c	2.50
Norway Spruce.....15c 1.50		

## DECIDUOUS TREE SEED.

	PER DOZ.	PER 100
Ash, American White.....10c \$.75	Larch, European.....20c \$ 2.00	
Ash, Black or Water.....10c 1.00	Linden, American.....10c 1.00	
Ash, Green.....10c 1.00	Locust, Yellow.....10c .50	
Birch, American White.....20c 2.00	Maple, Norway.....10c .75	
Birch, European.....10c .75	Maple, Sycamore.....10c .75	
Box Elder.....10c .40	Maple, Sugar.....10c 1.00	
Catalpa, Hardy.....10c 1.00	Maple, Soft.....10c 1.00	
Cottonwood.....20c 2.00	Mulberry, Russian.....25c 2.50	
Elm, American.....20c 2.00	Mountain Ash, American 15c 1.25	
Honey Locust, for hedges 10c .50	Osage Orange, for hedges 10c .75	



### Improved Cahoon

#### Seed Sower.

A favorite with farmers in all parts of America; reliable in every respect. The old standard make for sowing wheat, oats, hemp, barley, rye, buckwheat, grass seeds, etc. The best machine of the kind on the market. The grain is held in a light sheet iron hopper, surrounded by a bag, which will hold a bushel of seed. This is suspended by a strap from the operator's neck and held in position by a strap around the waist.

The seed is thrown from 8 to 20 feet on each side of the operator, the heaviest seed being, of course, thrown the greatest distance. **Price \$3.25.**

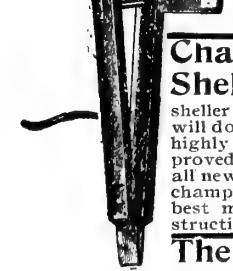


### Triumph Corn Planter

#### With Pumpkin Seed Attachment.

This is made by the same firm which turns out the well known "Triumph" but has the additional feature of a Pumpkin Seed attachment, which makes it particularly valuable for farmers. Since the introduction of this implement, the sales have been something enormous and the demand increases each season. It is a planter which cannot be too highly recommended and must not be compared with some of the cheaper sorts on the market at the present time offered at prices about the same as the **Triumph Corn Planter without Pumpkin Seed attachment.**

**Price 90c.**



### Champion Ball Bearing Corn Sheller.

**Price \$2.50.**

It has no equal. It is the best sheller on the market and considering the amount it will do, it is the cheapest. Its work is easy, rapid and highly satisfactory. Its automatic adjustment, improved shelling disc and telescopic construction are all new inventions found in no other corn sheller. The champion is solid, substantial and durable. The very best material and workmanship enter into its construction. Weight 20 pounds.



### The Acme Tu- bular Potato

#### Planter for Only

**\$1.15.**

This is undoubtedly the most improved, strongest and yet the most simple planter on the market at the present time.

It plants uniformly in all kinds of soil. It is far ahead of the common Acme, and experience proves to us that it is worth twice as much to any farmer. It does its work quickly and equally as well as many of the potato planters sold at ten times its price.



### Family Grist Mill. Price \$4.40.

This No. 0 mill is especially made for grinding Graham flour or Corn meal, for table use. It can also be adjusted for cracking the grain if desired. It is a valuable investment to have in the kitchen, as you can have fresh Graham or Corn meal when wanted.



### Prize Brass Spray Pump No.

**669.** A grand pump for the garden or conservatory,

and also for washing buggies, etc. It is strongly made, its working parts are entirely brass. It is fitted with the Aeme nozzle and will throw a fine spray or a solid stream. **Price \$2.90.**



### Slasher. Price \$2.75.

The well known 14 inch Lawn Mower.

This is a thoroughly good machine in every respect, with fine cast steel knives, open cylinder, three blades, 7½ inch wheel and is so easy running that a child can use it. It is a mower that gives a continuous cut, does smooth and excellent work.

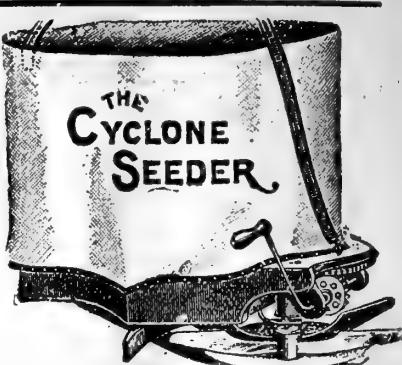
**NOTE.** If you want a 12 inch Mower, we can supply same for \$2.60, or the 16 inch Slasher for \$3.00.



### The New Cy- clone Seeder.

**Price \$1.90.**

Will sow timothy, clover, wheat, oats, rye, buckwheat, millet, bone dust, turnip, corn, cotton and all other grains and seeds perfectly even and any desired amount to the acre, and from 40 to 60 acres a day. The machine is strictly first class in every respect. The bag or hopper is extra large and made from heavy ducking. Will sow clover, millet, flax, oats, 36 feet to a round. Timothy 27 feet, wheat or rye 50 feet, barley 40 feet. No chance for skipping, even if you do not walk perfectly straight or take large steps, as some of the seed is continually being thrown 8 to 10 feet ahead of the operator.



### Lightning Compressed Air Sprayer.

This is something that has been looked for, for throwing a fine mist like spray. It is made of galvanized iron and holds nearly 4 gallons of liquid. The pump is on the outside, the air being forced through the inside valve. It is also provided with a safety valve, which prevents over pressure, so that when the air is forced in, the safety valve will blow off after it reaches its proper degree of pressure. It may be carried in the hand when necessary. It also has two nozzles, one for spraying tall trees, and the other for shrubbery. It will spray 10 acres of potatoes in a few hours, as it covers two or three rows at a time. It may also be used successfully for keeping the cattle flies from stock during the summer. Will spray under and over the animal evenly and quickly, securing a greater flow of milk. Pump the sprayer as full of air as it will hold, which will be indicated by the safety, then by simply turning the cock, the liquid is forced out by the compressed air. The handiest, most easily worked and best sprayer ever offered. **Price \$4.50.**

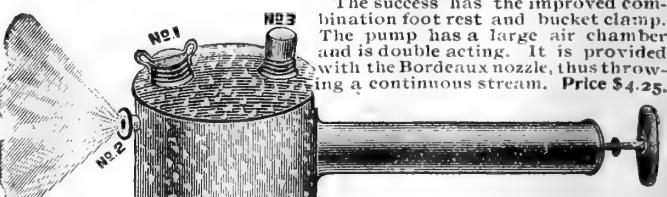


### The Cannon Sprayer.

For spraying fly oil on cattle, horses, hens, etc., also for greenhouse garden and farm work. The simplest, lightest, strongest and handiest atomizer sprayer made. Its tubes are so adjusted to throw a large body of fine spray and the plunger leather is re-inforced with a patent valve sprayer, and does not wrinkle or get out of shape. **Price 70c postpaid.** By express at purchasers expense 50c.

### Perfect Success Spray Pump No. 689.

The success has the improved combination foot rest and bucket clamp. The pump has a large air chamber and is double acting. It is provided with the Bordeaux nozzle, thus throwing a continuous stream. **Price \$4.25.**



**The Lightning Jr. Compressed Air Sprayer.**  
With the Lightning Jr. Compressed Air Sprayer it only takes a moment to pump in the air, and there is no more labor required. The reservoir is made of heavy galvanized iron and holds one gallon. It gives a fine mist like spray, or a solid stream. It is provided with two nozzles, it will spray all kinds of liquids. It is adapted to all kinds of insect killing. For killing potato bugs two rows can be sprayed at once and as fast as the operator can walk. **Price \$1.50. Case containing 6 \$7.50.**

## PLANET JR. FARM AND GARDEN TOOLS.

Space will not permit our showing and describing all of the "Planet Jr." tools, but we will send a fully illustrated catalogue free for the asking to any who desire it, and we can supply promptly anything ordered. Planet Jr. goods are standard machines, the best on the market.

## Planet Jr. No. 25.

Combined Hill and Drill Seeder and Double Wheel Hoe, Cultivator and Plow. Price \$13.00.

This new combined machine is intended for gardeners who prefer not to buy a separate seeder and wheel hoe also. The seeder is large enough for field use, for it holds  $2\frac{1}{2}$  quarts (or about 5 pounds of onion.) This seeder will sow in hills 4, 6, 8, 12 or 24 inches apart.

It has the automatic device for throwing out of gear, and the new combined cut-off and seed index, with thumb screw adjustment.

It is thoroughly substantial, and accurate in sowing all kinds of garden seed in either hills or drills.

The simplicity and perfect working of this tool makes it thoroughly practical.



## Planet Jr. No. 1.

Combination Drill, Cultivator, Rake, Hoe and Plow. A Whole Set of Best Garden Tools for \$9.50. As a Drill only \$7.00.

This is the most popular combined tool known, and its friends have been gained by substantial merit alone. It won the highest and only award at the Chicago exposition. As a seed sower it is identical with the Plant Jr., No. 2 Drill, except in size, and has all of its merits, strength, durability, ease of operation and perfection of work. Its operations are easy.

The combined machine less rakes. \$9.00.



## Planet Jr. No. 4.

Combined Hill and Drill Seeder, Wheel Hoe, Cultivator, Rake and Plow. Price Complete \$11.00. As a Drill only \$8.00.

This tool combines in a single convenient implement a capital hill dropping seeder, a perfect drill seeder, a single wheel hoe, a cultivator and a plow. It holds 2 quarts, and as a seeder is like the No. 5, sowing in continuous rows, or dropping in hills at five different distances.

The combined machine less rakes. \$10.00.



## Farmers No. 19.

Single Wheel Hoe and Plow Price \$3.50.

This new and attractive implement is especially designed for the farmers' garden work, though it offers to everyone with either field or garden a cheap and effective tool for all hand wheel hoe operations. The wheel is high, and made with stiff steel rim and spokes; the wheel arms are steel. The handles are adjustable, may be changed to fit man or boy. It is strong, well made, and can be quickly set so as to be useful, whether in the hands of man, woman, boy or girl.

The standard will carry all steel made for the machine. All blades are steel hardened in oil and polished.

The tools are as follows: One large garden plow, hard polished steel; 1 10 in. sweep; a perfect weed killer.

1 6-in. sweep; same pattern as 10-in. 1 4-in. cultivator tooth; for deep cultivation. 1 2-in. cultivator tooth, for deeper work.

## Planet Jr. No. 11.

Double Wheel Hoe, Cultivator, Rake and Plow. Price \$8.50.

This perfected wheel hoe is invaluable for use in all small crops. Its variety of work is almost incredible. Changes and adjustments of the tools are made with the greatest quickness. It has 11-inch wheels, which can be set at four different distances apart. The frame is malleable, with ample room for

too adjustments, and can be set 3 different heights. Seven pairs of tools, as shown in the cut, go

with the complete wheel hoe. The blades are of tempered and polished steel. No. 12, double wheel hoe, cultivator and plow, price \$6.50. No. 13, double wheel hoe, with 6-in. hoes only, \$4.50. No. 16, single wheel hoe, cultivator, rake and plow, \$5.50. No. 17, single wheel hoe, cultivator and plow, \$4.75. No. 17 1/2, single wheel, hoe and cultivator, \$4.25. No. 18, single wheel hoe, with 1 pair of 6-in. hoes only, \$4.25.

## Planet Jr. No. 9.

Horse Hoe and Cultivator. Price \$7.00

This tool is similar to the No. 8 horse hoe, but it has a plain wheel instead of one operating by a convenient lever. The frame is extra long and high, making a tool that will not clog easily.

The stiff, steel standards are hollow, with round throats. The expander is an entirely new pattern and exceedingly strong. The handles are strong and well braced; the side hoes are reversible. Every part is perfect, making it a No. 1 tool.

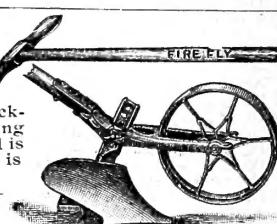


No. 8. Combined Horse Hoe and Cultivator, strongly built, so as to withstand incredible strain, yet it is light and easy to handle. Price, \$8.00.

## Fire Fly Garden Plow.

Price, \$2.25.

This tool is most useful in small gardens, opening furrows for manure or seeds and covering them quickly. Chicken raisers will find it very useful in plowing up the scratching yards. The moldboard is of tempered and polished steel, depth is quickly changed.



## Planet Jr. No. 3.

Hill and Drill Seeder. Price \$10.00.

This is the same tool as the No. 5 seeder, and just as good, except that it is smaller in size. The hopper holds 3 quarts; 15-inch patent steel driving wheel, with broad face, which makes the drill run easily, even when full. The quantity of seed is regulated by an accurate index, conveniently placed at the top of the handle, and carefully graduated for either hill dropping or drilling. The flow of seed is started or stopped by a single movement of the forefinger. The roller is broad or hollow-faced, leaving a wide, smooth track for the wheel hoe. It is extremely simple, and will not injure the most delicate seed.

The Lightning Seed Sower. Guaranteed to sow from 50 to 80 acres per day (either horseback or afoot) of clover, timothy, millet, flax and all seeds of same nature. Price, \$1.00.

Lang's Hand Weeder. One of the best weeder made; a band passing over the hand gives perfect use of the hand for pulling weeds without having to lay down the tool. 30c postpaid.

## The Adjustable Spring Tooth Harrow or Garden Cultivator.

Price, \$1.00.

This is something that everyone should have that has a garden. This handy little cultivator will put more ground in better condition, and pull more weeds in less time with less work than any hand tool ever offered to the public. Any small boy can use it with ease. It weighs 3 pounds; is about as wide as a common hoe. Can be used to cultivate between rows, or the center shovel can be removed and straddle a row. The width can also be adjusted by sliding the top blade backward or forward. The shovels are made of fine steel, the best material being used in their construction.



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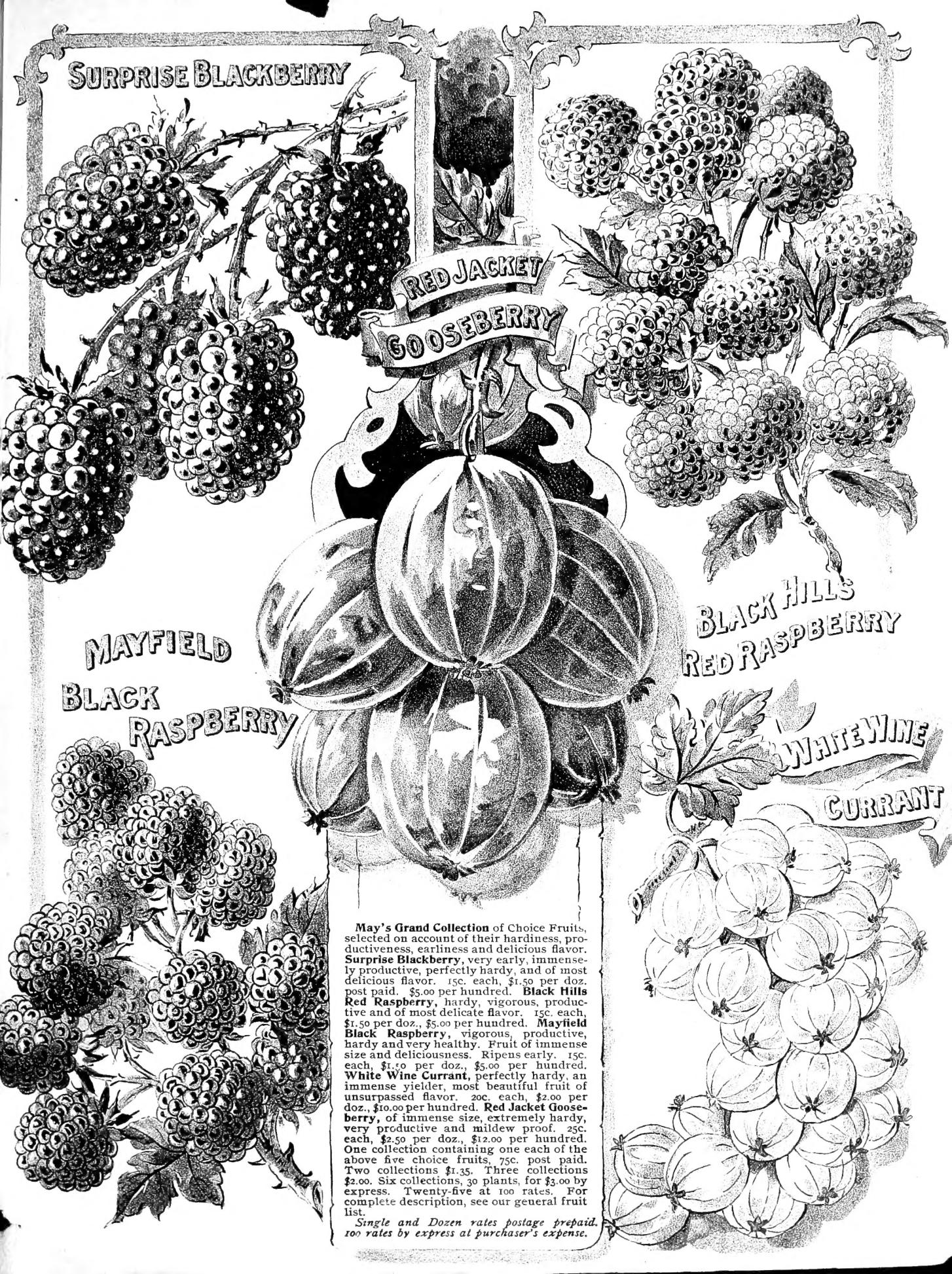
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